939

#939
AR76.441.4 [i]

"I am: how little more I know!
Whence came I? Wither do I go?
A centred self, which feels and is;
A cry between the silences;
A Shadow birth of clouds @ strife
With sunshine on the hills of life;
A shaft from natures quiver cast
Into the Future from the Past;
Between the cradle and the shroud,
A Meteors flight from cloud to cloud."

J. G. Whittier

Private journal of A. H. Barker
In Whaling Bark "Progress" of New Bedford
From San Francisco to the Equator
for a cruise Sperm whaling thence to the
Hawaiian Islands & Arctic Ocean
Anno Domini 1880
16th December
M. H. B
"Du bist so nah
und doch so fern"

To Cordie
with
Mattie's Love
8th March 1890.
Auckland. New Zealand.

Old Dartmouth

WHALING
MUSEUM
LIBRARY

Historical Society

S. S Arnheim, Stationer, No. 8 Stewart St., S. F. — A. A - Barkers — Bark "Progress" —

JOURNAL from San Francisco Private towards "Guadalupe Island for" New Bedford

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. ............day of............187 |
|---|---|---|---|---|---|---|---|---|---|

— Thursday Dec 16th

Barometer Aneroid 30-020

Barometer Holosteric 29 870

Thermometer 62 Fah

Small Pox prevailing to a considerable extent in the city - every man on board yesterday was vacinated

— Thursday 16th December
— A D - 1880 —

@ 12.30 P.M The steam Tug "Jos Redmond" took us in tow for sea. and @ 2.40 cast-off from us just-outside the Heads wind light-from South with rain and cloudy weather — - made sail to Topgallants and bore S.W. @ 3 P.M wind fresh from S.W. reduced sail to double reefs. by 10 [illegible] was blowing hard from S W wind having gradualy veered around reduced to close reefs and storm sails steering S by W A confused sea running ship very uncomfortable - stowed anchors and chains & chose watches 34 Men all told saw no vessels - weather too thick

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from San Francisco towards Guadalupe Island A.D. 1880

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 17th day of December 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | Friday 17th Dec | | | | | | At-12 Midnight—a heavy gale |
| 2 | | | | | | | | | from the N with clear weather |
| 3 | | | | | | | | | ship labouring heavily in a |
| 4 | | | | | | | | | confused sea. hove to under |
| 5 | | | | | | | | | close reefed Maintopsail & |
| 6 | | | No notes taken of | | | | | | Storm sails heading West |
| 7 | | | | | | | | | Saw 3 large vessels bound in |
| 8 | | | | | | | | | and the land N.W. 30 miles |
| 9 | | | Barometer or Thermometer | | | | | | towards noon it commenced |
| 10 | | | | | | | | | to moderate sea growing |
| 11 | | | Too busy in preparing | | | | | | gradualy more regular |
| 12 | | | | | | | | | Emp in fitting boats and |
| 1 | | | my Stateroom for the | | | | | | securing loose articles that |
| 2 | | | | | | | | | have been bundled aboard |
| 3 | | | little comfort it may | | | | | | hap hazzard like to get the |
| 4 | | | | | | | | | ship to sea @ once during |
| 5 | | | afford— | | | | | | night—moderating fast @ |
| 6 | | | | | | | | | 12 Midnight—calm |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | No Observations |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards Guadalupe Island A.D. 1880

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 18th day of December ~~187~~ |
|---|---|---|---|---|---|---|---|---|---|
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12 | | | Saturday 18th Dec<br>No Meteorological obs this day too infernal rough to think even! let alone look! — for this old Ark has been trying to double up everything & everybody<br>Filled a cask with Cabbage & fresh water for my North season | | | | | | Calm with subsiding swell & clear weather. at 3 a m a light S E wind @ 7 fresh. set foresail on the wind heading S.W. by W. by 12 meridian it was raining hard again furled foresail. @ dusk blowing a heavy gale with drenching rain furled forestaysail heading on the wind hove to under close reefed main topsail fore & mizzen staysail S by W. to S.S. West<br>No Observations |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

12 "

JOURNAL from San Francisco towards Guadalupe Island A.D. 1880

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 19th day of December 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | A strong gale veering around |
| 2 | | | Tuesday 19th Dec — | | | | | | East to ~~North~~ south by 12 midnight |
| 3 | | | | | | | | | when it cleared up to a bright |
| 4 | | | Barometer Aneroid 29.800 | | | | | | Moonlight - hove to under |
| 5 | | | | | | | | | storm sails heading S.W. |
| 6 | | | Barometer Holostric 29.620 | | | | | | Rain in squalls @ intervals |
| 7 | | | | | | | | | From 2 P M steady rain |
| 8 | | | Thermometer 66 - Fah | | | | | | wind moderating and veering |
| 9 | | | | | | | | | to S.W. @ 6 P.M. heading |
| 10 | | | All these Instruments | | | | | | W by S wore ship to S E by S |
| 11 | | | | | | | | | |
| 12 | | | Are In My Cabin below!!! | | | | | | |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
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| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | No Observations |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards Guadalupe Island A.D. 1880—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 20th day of December 187 |
|---|---|---|---|---|---|---|---|---|---|

Monday 20th Dec

Bar Aneroid 30.020
Bar Holosteric 29.825
Ther 62 Fahr

Have used 4 coils of Whaleline to date

A Subsiding S.W. gale with cloudy weather @ 7 a m set foresail & bore S by E. @ 9 set double reefs and M.T.M. S. sail bent & set main staysail — Emp in fitting boats coiling new lines. Noticed many gray gulls and the Black Scribe birds from the Hawaiian Islands Swell gradualy subsiding and weather becoming better. Able to write this evening for the first time since leaving port —

Lat @ noon 36.57 — No Long

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

JOURNAL from San Francisco towards Guadaloupe Island A D 1880

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 21st day of December 187 |
|---|---|---|---|---|---|---|---|---|---|

Tuesday 21st Dec

Bar Aneroid 30.300

Bar Holostine 30-020

Thermometer 62 Fahr

A subsiding gale & sea with cloudy weather. Wind Mod from S-W. Under double reefed topsails F. g. E — Emp in stowing off the fore hold fitting boats etc Gulls and Black Birds numerous @ 2 P.m set jib & Mizzen ~~topsmast Stay~~ Sail @ 4 P M bore S.E. wind light — weather pleasant Sun out bright for first time since leaving San Francisco

Lat 34=40 4 P.M

Long 124-20 & 124-08 West

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|

JOURNAL from San Francisco towards Guadaloupe Island A. D 1880

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 22d day of December 187 |
|---|---|---|---|---|---|---|---|---|---|

Wednesday 22d Dec

Barometer Aneroid 30-100
Barometer Holosteric 29.880
Thermometer 64 Fah

I have been employed in putting slats in the bottom of My swing bed that I may lay steady once more and fitting locks to the drawers in my room to prevent their continually sliding out with each roll of the vessel - I think her former Captain never thought of fitting anything that needed repairs

@12 Midnight - calm @ 2 a m a light S E wind. daylight very red sky indicating wind and clear sit whole Main topsail heading to S. W by 12 Meridian wind had veered around to S with rain & fresh wind - reduced sail to close reefs and storm sails Emp in stowing loose coal in blubberroom abaft blubberroom plank on the port side in a pen we made for the purpose At 4 P M a strong South wind dark cloudy weather wore ship to the E S E.

No observations

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards "Guadalupe Island" A D 1880

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 23d day of December 187 |
|---|---|---|---|---|---|---|---|---|---|

Thursday 23rd Dec

Bar "Aneroid" 30.220

Bar "Holosteric" 30.020

Ther "Fahr" 64 —

Moderate southerly wind thick fog. fine rain high sea. & light baffling southerly winds with dark cloudy weather and humid atmosphere throughout these 24 hours. Increased sail to topsails & fly jib Emp in stowing off the between decks abaft the blubber room plank starboard side

Put 4 sacks corn into a 90 gal cask and marked H-1 Opened a full barrell of vinegar from last voyage —

No Observations

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards Guadalupe Island A.D. 1880

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 24th day of December 187/1880 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | Friday 24th Dec | | | | | | Moderately Easterly winds |
| 2 | | | | | | | | | varying 2 to 3 points frequently |
| 3 | | | | | | | | | with cloudy weather fine |
| 4 | | | 9 am Aneroid 30.320 | | | | | | rain showers and squalls |
| 5 | | | | | | | | | of wind. on the wind from |
| 6 | | | Ther Fah 64 | | | | | | E to S.E. under whole Mains |
| 7 | | | | | | | | | and double reefed fore |
| 8 | | | 9 am Holosteric 30.140 | | | | | | topsails. Empd at various |
| 9 | | | | | | | | | duties. Noticed many |
| 10 | | | | | | | | | black birds but no gulls |
| 11 | | | | | | | | | today |
| 12 | | | | | | | | | |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
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| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat @ noon 33-12 North |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
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**JOURNAL** from San Francisco towards "Guadalupe Island" A.D. 1880

H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 25th day of December 187

X Mass
Saturday 25th Dec

Bar "Aneroid" 30.400
Bar "Holosteric" 30.260
Ther Fahr 66 00

The first pleasant day we have had - a general observance no work done

Opened a bbl of Beef
" " " " Pork -

A Moderate southerly wind with clear pleasant weather but a heavy swell from the SW. on the wind under M.T.G. sail from E S.E. to S.E. by E this is the first pleasant day we have had since leaving San Francisco - Noticed Gulls and Black birds by 9 P M nearly calm Saw Finback Whales & Porpoises

Lat 33-00 North
Long 122-08 '122-17 West

Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon by D. R | Lon. by. Ob.

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards "Guadalupe Island" L. C. 1880

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | |
| 2 | | | Sunday 26th Dec | | | | | |
| 3 | | | | | | | | |
| 4 | | | Aneroid | Bar | 30 | 400 | | |
| 5 | | | | | | | | |
| 6 | | | Holosteric | do | 30 | 200 | | |
| 7 | | | | | | | | |
| 8 | | | Ther | Fahr | 68 | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
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**REMARKS** 26th day of December 187

Calm through the night and clear 2 A M a light N W air and continued through the day under main topgallant S. E. @ 4 P M bore N E by E - A clear beautiful day throughout A barque in sight astern steering to the South

Lat 32-20 N
Long 121=32-121=23 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
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| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from San Francisco towards Endaury Island N.O. 1880.

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 27th day of December 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | A Moderate N.W. wind and clear wr. to 12 M when it clouded up and fine mist showers prevailed. Under Main topsgallant sail S.E. by E. Emp. all this day in stowing off the between decks both sides fore and aft |
| 2 | | | Monday 27th | Dec | | | | | |
| 3 | | | Nz Natal | day | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | Bar | Aneroid | 30 | 320 | | | |
| 7 | | | | | | | | | |
| 8 | | | Bar | Holosteric | 30 | .210 | | | |
| 9 | | | | | | | | | |
| 10 | | | Ther | Fahr | 69 | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 1 | | | | | | | | | |
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| 10 | | | | | | | | | |
| 11 | | | | | | | | | Lat 31=05 North |
| 12 | | | | | | | | | Long 120=11 West |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards Guadalupe Island A.D. 1860

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 28th day of December 187 |
|---|---|---|---|---|---|---|---|---|---|

Tuesday 28th Dec

Bar Aneroid 30.300

Bar Holosteric 30.210

Ther Fahr 71 –

Sighted the Island of "Guadalupe"

Stores opened today
1 Keg Tripe
1 do Lamb Tongues
1 do Pickles
1 do Syrup
1 box [illegible]

A fresh N.W. wind with cloudy weather under Main top Gsail S.E½ E. Employed in breaking out rum and stowing it off and sailpen aloft @ 4 PM saw Guadalupe Island N End E.N.E 15 miles - although near enough to see the breakers @ 5 PM we could barely see the outlines of the land although it is very high - at dusk reduced sail to double reefs and bore S by E with foresail up at 9 PM luffed to the wind [illegible] heading to the [illegible]

Lat Noon 29°25' Obs 29-20 N
Long 118-48 W 118-41 West

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
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|  |  |  |  |  |  |  |  |  |  |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards "Alihos Rocks" L. C. 1880

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 29th day of December 187 |
|---|---|---|---|---|---|---|---|---|---|

Wednesday 29th Dec

Bar Aneroid 30 240

Bar Holosteric 30 100

Ther Fahr 70 -

Put all Native Boots and spare oiled clothing into a large box and put between decks aft Starboard side Made a number of kits and hung them full of onions between decks

A fresh N. W. wind and cloudy weather Aback heading to the Westward under double reef At 5 A M kept off S.E. at 7 bore E by S and set jib and foresail at 4 P M bore S.E. Employed in various duties. Took down a stove boat from overhead for repairs and put the spare new one from the tryworks overhead

Lat 28-12 Long 117-32 West

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards Cape "St Lucas" L.C. 1880 —

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 30th day of December 1880 |
|---|---|---|---|---|---|---|---|---|---|

Thursday Dec 30th

Bar Aneroid 30 240

Bar Holosteric 30 100

Ther Fahr 70 —

Saw several pieces of kelp and the first flying fish I have seen for Months —

A steady Northly wind cloudy weather under double reefs jib and foresail SE by E. at daylight moderating and clear Made all sail. Emp in repairing spare boat fitting rigging blocks & etc. Myself at work putting in lights in gangway and deck. this vessel has the darkest cabins It has ever been my fate to live in

Lat 26 = 50 N Long 116 = 34 West

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from San Francisco towards Cape "St Lucas" L C 1880

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 31st day of December 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | A light steady Northy wind |
| 2 | | | Friday 31st December | | | | | | through the night under |
| 3 | | | | | | | | | topgallants SE by E ½ E @ daylight |
| 4 | | | Bar Aneroid 30 240 | | | | | | made all sail except Royals to |
| 5 | | | | | | | | | the SE by E. Emp in repairing |
| 6 | | | Bar Holosteric 30 100 | | | | | | boat putting in deck lights |
| 7 | | | | | | | | | stowing away spare Anchor |
| 8 | | | Ther Fahr 72 | | | | | | and rebulling those on the |
| 9 | | | | | | | | | bows @ 4 PM bore E S E |
| 10 | | | | | | | | | weather warm today but |
| 11 | | | Saw Finbacks porpoises 2 Turtle | | | | | | a heavy dew falls nights |
| 12 | | | some kelp and Flying fish | | | | | | |
| 1 | | | | | | | | | |
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| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 25-15 Long 115-07 West |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* San Francisco *towards* Cape "St Lucas" N. S., 1881

H K F COURSES. WINDS. Leeway. Variation. Bar. Ther. **REMARKS.** 1st day of January 187

Saturday Jany 1st 1881
Bar Aneroid 30.120
Bar Holosteric 30-060
Ther Fahr 76-

Light N.E. winds through the night and forenoon with clear weather @ 12 M wind veered around to W. Steering E.S.E up to 7 am when hauled up E by S. Emp in repairing spare boat shifting foot braces to the rail and reeving new ones. No bird or fish seen today. After dusk a shoal of "Blackfish" were noticed astern —

One of my men came aft to me today for a dose of Cathartic Medicine whilst his breast showing considerable eruption I am apprehensive it may be "Small Pox" but there are no other symptoms of its indication beyond an itching sensation. As I have never seen a case I cannot decide but I shall feel much anxiety until I am sure it is not a verified case —!

Lat 24.23 N Long 113.47 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from San Francisco towards Cape St Lucas A D 1882

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 2d day of January 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | A light West wind clear & |
| 2 | | | Sunday 2d January | | | | | | smooth under topgallants |
| 3 | | | | | | | | | E by S @ 7 A M bore East at |
| 4 | | | | | | | | | 10 A M saw the Marguerita |
| 5 | | | Cor Merid 30 180 | | | | | | Islands N E 50 miles |
| 6 | | | | | | | | | saw Finbacks & Albicore |
| 7 | | | Cor Holostric 30 090 | | | | | | Skipjacks fly fish & a Crab |
| 8 | | | | | | | | | |
| 9 | | | Ther Fahr 76 | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | Caught our first fish | | | | | | |
| 1 | | | a Bonito & hooked | | | | | | |
| 2 | | | and lost a large | | | | | | |
| 3 | | | Albicore | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 24-04 N Long 112 37 W |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards Cape "St Lucas" L. C. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 3d day of January 187 |
|---|---|---|---|---|---|---|---|---|---|

Monday 3d January

Bar Aneroid 30.180

Bar Holosteric 30.060

Ther Fahr 74—

Promoted the steward boy to the Forecastle for worthlessness

Caught 2 fine large "Bonito"

Light West wind through the Night. Under topgallants E.N.E. @ daylight wind fresh from N.E. Furled foretopgallant sail by the wind "E.N.E" Moderately with a short head swell Steering E by N. Afternoon wind tending to the North again and light clear and pleasant throughout saw several turtles and at 4 PM high land from E.N.E to N.E by N. water through the day "light-green" emp in fitting braces to fore yard & repairing stoven boat

Lat 23.25 N Long 111-13 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from San Francisco towards Cape "St Lucas" A.D. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 4th day of January 187 |
|---|---|---|---|---|---|---|---|---|---|

Tuesday 4th January

Bar Aneroid 30 100
Bar Holosteric 30 - 020
Ther Fahr 78.

Took our first whale
a small Bull Humpback

Barque "Abraham Barker"
was here just before Xmas
and also caught a Humpback

Sent Letters to San Fran & New Zealand

a fresh NE Trade through the
Night under double reefs
E.b.E - At daylight saw the
Cape NE 30 miles bore for it-
and when under the lee
Increased sail to M T.G. sail
At 10 a m saw many Humpback
whales lowered 3 boats with
no success At 11 was off the
town sent in a boat to
land letters shot a whale
from the ship and killed
him with a bomb lance
saved him and cut
him by dark. calm &
ship closed in land breeze
at dark standing to & fro
2 boats off from shore
bought a bullock & oranges

No Observations

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* San Francisco towards Sh "Cape St Lucas" Capt. C. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 5th day of Jan 187 |
|---|---|---|---|---|---|---|---|---|---|

January

Wednesday 5th January

Bar Aneroid 30-040

Bar Holosteric 29.960

Ther Fahr 74

"

Killed our Bullock today

Shot a humpback near the ship and he sank after he was dead.

Put In the Run today
2 chests Tea. 1 sack coffee
1 bbl sugar 1/2 do smoked Tongues
1/4 do Salt Salmon

A light land breeze & pleasant [illegible] [illegible] [illegible] under easy sail at 5 a m bore E.N.E for the Cape some 15 miles distant light westerly air through the day at dark Cape bore NE by E 8 Miles hauled up SE by E saw Tommy Thompson's [illegible] [illegible] one from the ship. thinks he sank as the bomb exploded Emp'd In breaking out after hold for small stores. Winning the blubber and fitting the tryworks for boiling. a current here sets to the S by W quite 2 Miles per hour at times we have been [illegible] to stem it—

Observations taken Not worked

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

JOURNAL from San Francisco towards "Socoro Island" Oct 8 1881

H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 6th day of January 187

Thursday 6 January

Open "Aneroid" 30 000

Open "Holosteric" 30 000

Ther 76 -

Sent Letter to New Bedford

Light baffling airs and calms on diff tacks @ times aback @ 7 a m sent in 3 boats between False Cape & Cape St Lucas saw several whales but very shy @ 12 Recalled the boats a boat off from the shore sold them Clothing. Coffee. Soap and Powder at 2 P m they left for the shore. at one time we were within 5 miles of the Cape then the wind "let-go" and when they left we were quite 20 miles from it the current having set steady to the S W by W quite 2 miles per hour. Commenced boiling and under M T s sail bore S.S.E with a light West wind

Observations not worked

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* San Francisco *towards* Socoro Island &c &c 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 7th day of January 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | Light-baffling airs from West to North |
| 2 | | | Friday 7th January | | | | | | under top-gallants from Sly W to |
| 3 | | | | | | | | | Southy at daylight-finished boiling |
| 4 | | | Bar | Aneroid | 30.100 | | | | the amount of 25 barrells-& |
| 5 | | | | | | | | | small whale 3 medium size |
| 6 | | | Bar | Holosteric | 30 020 | | | | casks holds the whole of it- |
| 7 | | | | | | | | | Fitted and put out our large |
| 8 | | | Ther | Fahr | 80 — | | | | cutting stage - saw a few |
| 9 | | | | | | | | | turtles and lost sight of the |
| 10 | | | | | | | | | land about meridian |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 1 | | | Put out Cutting stage | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 21=46 N Long 110=05 West |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* San Francisco *towards* Socorro Island &c. 1880 -

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 8th day of January 187 |
|---|---|---|---|---|---|---|---|---|---|
| | | | Saturday 8th January<br>Bar Aneroid 30-020<br>Bar Holosteric 29 980<br>Ther Fahr 79- | | | | | | Light baffling airs from SW to SE. and clear pleasant weather. under topgallant sails - Emp in various duties. Saw porpoises & fish a log of drift wood and several turtles - |

Caught our first Turtle (Green)

Found the cask of Cabbage spoilt - threw it all overboard !

myself @ work all day fitting the wash Basin in my room

Lat 21=10 N Long 110-16W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco ........ Off towards Socorro Island A.D. 1881-

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 9th day of January 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | During the night a fresh N.W. wind |
| 2 | | | Sunday 9th Jan | | | | | | came In furled foretopgallant |
| 3 | | | | | | | | | sail Steering south. Fresh breeze |
| 4 | | | | | | | | | and clear through the day |
| 5 | | | Bar | Aneroid | 30 | 090 | | | @ 6 P.M reduced sail to |
| 6 | | | | | | | | | double reefs and luffed to |
| 7 | | | Bar | Holosteric | 30 | 000 | | | the wind aback heading E- |
| 8 | | | | | | | | | Socorro Island S.S.W. 20 Miles |
| 9 | | | Ther | Fahr | 78 | — | | | "San Benedicto" Island N W |
| 10 | | | | | | | | | 10 to 12 miles |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 1 | | | | | | | | | |
| 2 | | | "Socorro" & "S. Benedicto" | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | Islands In sight — | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat-21=10 N Long 110=45 West |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from San Francisco off towards Socorro Island A D 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 10th day of January 187 |
|---|---|---|---|---|---|---|---|---|---|
| | | | Monday 10th Jan | | | | | | A fresh S W wind and clear Aback all night heading to the Eastward @ daylight bore S.S.W for Socorro Island @ 12 M S E point bore West 5 miles Saw Humpback whale going quick S.E. Sent down M T G yard put on a new Jackstay and sent it aloft again At 4 P M bore S.E. the Island then N by W 15 miles - |
| | | | Bar | Aneroid | 30 | 140 | | | |
| | | | Bar | Holosteric | 30 | 040 | | | |
| | | | Ther | Fahr | 78 | - | | | |

Sent down M T G yard for repairs

Coopered the oil to stow between decks

Lat 18.25 N Long 110.58 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by. Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards "Off shore Ground" A.D. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 11th day of January 1881 |
|---|---|---|---|---|---|---|---|---|---|

Tuesday 11th January

Bar 7h Morning Aneroid 30-200
" 4h Evening " 30-140

Bar 7h Morning Holosteric 30-100
" 4h Evening " 30-060

Ther Uniform Fahr 78-

Myself employed in fitting Pierces & [illegible] guns that should have been repaired in San Francisco properly

Carpenter Emp. in caulking the Galley floor that is just over my room and leaks abominably. These old ships seem to require my services to put them in order for the next man. as my experience tells me just about the time I get them fitted I give them up to some one else

A fresh N.E. trade with clear weather ~~throughout~~ under topsails and Fore & Aft sails [illegible] Emp. in repairing main topgallant sail. @4 P M finished and bent it. Noticed a few flying fish and "Gunnets" only water of an intense blue color.

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | No Observations | | | |

S. S. Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards "Off Shore Ground" [illegible]

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 12th day of January 1887 |
|---|---|---|---|---|---|---|---|---|---|

Wednesday 12th Jan

Bar Aneroid 30 100

Bar Holosteric 30 000

Ther Fahr 80

Guages of Humpback oil
stowed between decks
this day - viz 305
286
1/2 of one cask 284 142
733 gallons
Total 23 Barrels 8 1/2 gal

Put all Paint oil into a Barrell
marked "paint oil" —
saw "Porpoises" & "Finbacks"

Light NE Trades and clear under M.T.G. sail E by S - at daylight set Fore topgallant sail and at 10 a m the mainsail for the first time since I took the Humpback alongside. Stowed between decks the 3 cask of oil - Put S.B. Boat on Larboard boat cranes and painted her White bottom Green top & took in Larboard boat for repairs. took up all the brick flooring in the Galley to caulk the decks found the Beams very [illegible]. turned the stove around pro tem

Lat 15=00 N Long 109=43 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards "Off Shore Ground" Anno Domini 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 13th day of January 187 |
|---|---|---|---|---|---|---|---|---|---|

1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12

Thursday 13th January

Bar Aneroid 30 020

Bar Holosteric 30 000

Ther 82 Fahr

Many Gannets and flying fish observed - caught a large Albicore with a line and threw a harpoon into him

Light baffling winds from N&E under topgallantsails F. & A. F. at daylight it commenced to rain as a matter of course as I have a boat fresh painted and the seams in the galley floor all open - of course my room was half well wet and things in general (in relation to the ship and those that fit her) were consigned to Oblivion. If her former Capt knew his business this could have easily avoided. but last trip he had his wife and child with him and was in the habit of taking the childs bed clothing out of her berth to keep them from the wet that fairly poured into it. and then when the rain was over put them back instead, of having the place fitted well some men were born lazy and he surely is one!

Lat 13-31 North

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards Off shore Ground AD 1881—

**REMARKS.** 14th day of January 187

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | |
| 2 | | | Friday 14th Jan | | | | | |
| 3 | | | | | | | | |
| 4 | | | Bar | Aneroid | | | 29.980 | |
| 5 | | | | | | | | |
| 6 | | | Bar | Holosteric | | | 29.980 | |
| 7 | | | | | | | | |
| 8 | | | Ther | Fahr | | | 84 | Cabin |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

A fresh N E Trade throughout No rain since 1 A M S E under topsails and fore & aft sails Emp in repairing boat fitting bower cutting block straps & etc Myself at work in my room demolishing cupboards and other similar trash finished the Galley floor and put the stove back in its place

Lat 12.05 N Long 108.24 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards "Off Shore Ground" A.D. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 15th day of January 187 |
|---|---|---|---|---|---|---|---|---|---|

Saturday 15th Jan

Bar Aneroid 29-990

Bar Holosteric 29-980

Ther Fahr 84

An Easterly set of current noticed
caught one [illegible] porpoise @ 10 P.M.

A light East wind and clear through the night under topsails E. At 6 A M put out the boat we had on deck and took in the waist boat for repairs Painted the boat we put out and as a matter of course had a sharp rain shower about 4.30 P.M. The paint oil we have is simply fish oil and as there are neither "Dryers" or Turpentine on board I think it will be similar to that I had in the "Coral" requires about 3 months to dry - made all sail at 7 a.m. Saw "Finbacks" & "Gannets"

Lat 11°00' N Long 107°35' West

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

S. S. Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* San Francisco *towards* "Off shore Ground" A. D. 1881 —

REMARKS. 16th day of January 187

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | A light East airs and clear warm |
| 2 | | | Sunday 16th January | | | | | | weather nearly calm at times |
| 3 | | | | | | | | | under all sail except royals E by S. |
| 4 | | | One month out today! | | | | | | saw porpoises and finback! |
| 5 | | | | | | | | | @ daylight noticed water of a light |
| 6 | | | Bar | Aneroid. | 29-980 | | | | green color @ 8 A M sounded with |
| 7 | | | | | | | | | about 150 fthms Deep sea line found |
| 8 | | | Bar | Holosteric | 29.930 | | | | no bottom! this discolored water |
| 9 | | | | | | | | | continued up to 11 A M the ship |
| 10 | | | Ther | Fahr | 84 — | | | | making about 2 knots per hour |
| 11 | | | | | | | | | after that it began to grow |
| 12 | | | | | | | | | darker and by 1 P M was a |
| 1 | | | | | | | | | deep blue again. As "Clipperton |
| 2 | | | | | | | | | Island is some 100 miles to the E by S |
| 3 | | | | | | | | | it may be shoal water comparatively |
| 4 | | | | | | | | | speaking connected with it. |
| 5 | | | | | | | | | At 4 P. M a moderate S W wind |
| 6 | | | | | | | | | with sprinkling of rain and |
| 7 | | | | | | | | | dark squalls astern — |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 9=55' & Long 107 25' W |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards "Off Shore ground" A. D. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 17th day of January 1881 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | A steady light breeze from N E through |
| 2 | | | Monday 17th Jan | | | | | | the night and no squalls. Under |
| 3 | | | | | | | | | M. T. G. sail S E by S. At daylight made |
| 4 | | | Bar | Aneroid | 29.920 | | | | all sail. Emp. In repairing boat |
| 5 | | | | | | | | | on deck. ripping up an old |
| 6 | | | Bar | Holosteric | 29.920 | | | | topsail and repairing another |
| 7 | | | | | | | | | Noticed many Flying Fish and |
| 8 | | | Ther | Fahr | 84— | | | | a few Gannets. Weather very |
| 9 | | | | | | | | | warm and sea of a deep blue |
| 10 | | | | | | | | | color clear atmosphere with |
| 11 | | | | | | | | | an occasional rain squall in |
| 12 | | | | | | | | | the distant horizon. The |
| 1 | | | | | | | | | Trade wind clouds have been |
| 2 | | | | | | | | | in sight since we were off |
| 3 | | | | | | | | | "Madalena Bay" |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 8.44 N Long 107=00 West |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards Off shore Ground" A. D. 1881 —

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 18th day of January 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | A fresh East wind and clear up to 12 M when it commenced to rain in showers - squalls all around wind failing @ times and variable inclined to bear around to S.E. forenoon steering S by E under all sail except the [illegible]als afternoon under S Jib & M T. G. sail heading on the wind southerly - saw many porpoises and flying fish - @ 4 P. M. put out the [illegible] we have been repairing and took bow boat on deck — |
| 2 | | | Tuesday 18th Jan | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | Bar | Aneroid | 29 920 | | | | |
| 6 | | | | | | | | | |
| 7 | | | Bar | Holosteric | 29 920 | | | | |
| 8 | | | | | | | | | |
| 9 | | | Ther | Fahr | 86 — | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
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| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat @ Noon Imperfect; [illegible] N |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**JOURNAL** *from* San Francisco .............. *towards* "Off shore ground" &c. &c. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 19th day of January 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | Calm. Cloudy. sultry weather with |
| 2 | | | Wednesday 19th Jan | | | | | | rainy showers constantly & variable |
| 3 | | | | | | | | | winds under topgallants Course |
| 4 | | | Bar | Aneroid | Morn | | 30.000 | | S.S.E. Empd in washing ship |
| 5 | | | " | " | Evening | | 29.920 | | Insides sewing up old condemned |
| 6 | | | Agen | Holosteric | Morn | | 30.000 | | Sails etc |
| 7 | | | Do | " | Evening | | 29.910 | | |
| 8 | | | | | | | | | |
| 9 | | | Ther | Morn | Shde | | 84 | | |
| 10 | | | " | Evening | " | | 43 | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
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| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | No Observations |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S S Arnheim, Stationer, No. 8 Stewart St., S. F

**JOURNAL** from San Francisco towards "Off shore ground" At B. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | |
| 2 | | | Thursday 20th Jan | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | Bar | Aneroid | 29 | 880 | | |
| 6 | | | | | | | | |
| 7 | | | Bar | Holosteric | 29 | 860 | | |
| 8 | | | | | | | | |
| 9 | | | Ther | Fah | 84 | — | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
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REMARKS. 20th day of January 187

Baffling southerly winds fresh & light with considerable swell on heading from ESE to SE by S- Under Mn. Top-gallant-sail & Fly jibb Empd In repairing the boat on deck and Carpenter at work battening up the seams of the after house which are more than open through neglect. have seen nothing at all today By the ships position @ 3 PM "Duncan Island" laid down on chart as doubtfull bore S.S.E 12 miles ship heading SE by E making 4 miles per hour

Lat 6=15 N Long 106=07 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**JOURNAL from** San Francisco **towards** "Offshore ground" Ct D 1881-

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 21st day of January 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | All through the first 12 hours calm |
| 2 | | | | | | | | | and constant rain After 12 m |
| 3 | | | Friday 21st Jan | | | | | | calm and clear Set out boat |
| 4 | | | | | | | | | repaired and took in Starboard |
| 5 | | | Bar Aneroid | | 29 | 900 | | | boat - Saw porpoises one turtle |
| 6 | | | | | | | | | and a peculiar shaped "Jelly fish" |
| 7 | | | Bar "Holosteric" | | 29 | 880 | | | shaped like a "Plantain" leaf & |
| 8 | | | | | | | | | about as large floating on the |
| 9 | | | Ther in Shde | | 82 | | | | surface of the water |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
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| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 5°55' North No Long |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from San Francisco towards "Off Shore Ground" A.D. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 22d day of January 187 |
|---|---|---|---|---|---|---|---|---|---|
| | | | Saturday 22d Jan | | | | | | A light N.W. air cloudy squalls all around the horizon but for a wonder we have had no rain since yesterday. Unbent foretopsail and bent the one we have been lately repairing Carpenter @ work rebuilding the After house and cooper repairing the late starboard boat. Saw Turtle. porpoises Albicore and a Barracouta Afternoon calm. Evening a light Easterly air |
| | | | Bar | Aneroid | | 29 | 900 | | |
| | | | Bar | Holosteric | | 29 | 900 | | |
| | | | Ther | Fahr | | 84 | | | |
| | | | Caught our second Turtle | | | | | | |
| | | | | | | | | | Lat 5. 33. North |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* San Francisco *towards* "Off shore ground" A. D. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | |
| 2 | | | Sunday | 23d Jan | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | Bar | Aneroid | | 28-850- | | |
| 6 | | | | | | | | |
| 7 | | | Bar | Holosteric | | 28-850- | | |
| 8 | | | | | | | | |
| 9 | | | Ther | Fahr | | 84— | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
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**REMARKS.** 23d day of January 187

Light-baffling Southerly airs & clear warm weather under topgallants on the wind from S.W.by W. to West— saw porpoises and caught a turtle The cabin boy James Fish in his effort to hook up the latter with a boathook lost his balance and fell overboard hook and all! As he is a Hawaiian and as swimming is second nature to them I felt no alarm for his safty—the ship had little headway at the time so by dropping the quarter boat we not only saved him but the Turtle also

Lat 5°23' N Long 104°45' W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from San Francisco towards "Off Shore Ground" Cont. d. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | |
| 2 | | | Monday 24th | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | Bar | Aneroid | | 29 | 840 | |
| 6 | | | | | | | | |
| 7 | | | Bar | Holosteric | | 29 | 840 | |
| 8 | | | | | | | | |
| 9 | | | Ther | Fahr | | 84 — | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
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REMARKS. 24th day of January 187

A light southerly air and clear under topgallants heading to the Westward Unbent Main topsail and bent the old one we have been repairing put out the boat we have been at work upon and painted the Starboard and bow boat Saw porpoises

Lat 5°-40 N Long 105°- [illegible]

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards "Off shore Ground" etc. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 25th day of January 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | Light baffling airs calm & much |
| 2 | | | Tuesday 25th Jan | | | | | | rain during forenoon Afternoon |
| 3 | | | | | | | | | clear. Emp. in repairing old |
| 4 | | | Bar Aneroid | | 29.840 | | | | foresail fitting new boat for |
| 5 | | | | | | | | | whaling. Carpenter at work |
| 6 | | | Bar Holosteric | | 29 820 | | | | on house aft. Myself at |
| 7 | | | | | | | | | work upon the skylight which |
| 8 | | | Ther Fahr | | 84 | | | | like everything else has been |
| 9 | | | | | | | | | neglected until it leaks like a |
| 10 | | | | | | | | | sieve. Saw a finback only |
| 11 | | | | | | | | | this day. |
| 12 | | | | | | | | | |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
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| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | No Observations. No "way" on ship |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**JOURNAL** from San Francisco towards Off shore Ground &c. &c. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 26th day of January 187 |
|---|---|---|---|---|---|---|---|---|---|
| | | | Wednesday Jan 26th | | | | | | Light baffling airs cloudy under topgallants South East In repairing old foresail fitting new spare boat cutting skylight combings. Afternoon painted the last boat we have repaired and as a matter of course in less than 2 hours had a small shower of rain Saw "Tropic Birds" "Man of war Hawks" and porpoise. Commenced painting my room to day the only turpentine in the ship is in the medicine chest in an 8 oz vial and I am obliged to use that. Some of the paint oil we have makes the white lead when mixed with it of the consistency of cheese |
| | | | Bar Aneroid | | | 29 | 820 | | |
| | | | Bar Holosteric | | | 29 | 840 | | |
| | | | Ther Fahr | | | 85° | | | |
| | | | | | | | | | Lat 5°13 North |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from San Francisco towards "Off shore grounds" Lat S 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 27 day of January 187 |
|---|---|---|---|---|---|---|---|---|---|

Thursday 27th Jan

9 am Aneroid 29 800

9 am Holosteric 29 810

Ther Fahr 84 —

The "Newbern" steamer is due to day from Guaymas, Cape St Lucas, and way ports @ San Francisco and my letters East should be posted tomorrow Morning

Light-variable Easterly winds and no rain since last night under topgallants from S to S.W. Empd in painting boat Inside & repairing old jib unbent foresail and bent the old one we have recently repaired. Nothing worthy of note seen today

I have occupied my self by painting the white work in my room — the warmest days work I have experienced for years. clothing completely saturated with perspiration

No Observations

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
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|  |  |  |  |  |  |  |  |  |  |

JOURNAL from San Francisco towards Off Shore Ground At. S M

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS 28th day of January 187 |
|---|---|---|---|---|---|---|---|---|---|

Friday 28th Jan

Bar Aneroid Mom 29-900
Eve 29.820
Bar Holosteric Mom 29-900
Eve 29 810
Ther Fah 85

A strong NE current has prevailed here for the past week [illegible]

Moderately Easterly winds and clear weather with much Swell from E & S. Under topgallants from S to SW. Ship [illegible] old jib @ 4 PM unbent the but one and bent it. Carpenter @ work caulking. Blacksmith Enlarging the Steerage. Saw porpoises and 3 Turtles lowered a boat for one but lost sight of him saw also Albicore

Lat 3-30 S Long 104=35 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

**JOURNAL** from San Francisco towards "Off Shore Ground" — A. D. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 29th day of January 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | Calm with rain all night up to |
| 2 | | | Saturday 29th Jan | | | | | | 3 A.M when a good breeze came |
| 3 | | | | | | | | | from S.E with clear weather |
| 4 | | | | | | | | | under topgallants on the wind |
| 5 | | | Bar | Aneroid | | 29 | 810 | | S.S.W. Empd in repairing the |
| 6 | | | | | | | | | last spare boat & overhauled |
| 7 | | | | | | | | | fitting blocks. tackles etc— |
| 8 | | | Bar | Holosteric | | 29 | 810 | | Saw Finbacks. "Bill Fish"— |
| 9 | | | | | | | | | Turtles and Sharks & flying fish |
| 10 | | | | | | | | | "Tropic Birds"— By the observation |
| 11 | | | Ther | Fahr | | 86— | | | this Afternoon we have entered |
| 12 | | | | | | | | | into the Equatorial current— |
| 1 | | | | | | | | | As we have gone a degree |
| 2 | | | | | | | | | West the past 24 hours— |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
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| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 2.48 N Long 105=34 W |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards Equator A.D. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. Sunday day of 30th Jan 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | A fresh S.E. wind veering to |
| 2 | | | Sunday 30th | Jan | | | | | South. In squalls of fine rain |
| 3 | | | | | | | | | under topgallants on the |
| 4 | | | | | | | | | wind from S.W. to W.S.W. |
| 5 | | | Bar Aneroid | | | | 29.900 | | Saw many Flying fish |
| 6 | | | | | | | | | Tropic Birds and Porpoises- |
| 7 | | | Bar Holosteric | | | | 29.900 | | |
| 8 | | | | | | | | | |
| 9 | | | Ther Fahr | | | 85- | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 1 | | | | | | | | | |
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| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 1°30' N Long 107°38' W |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards Equator H. I. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 31st day of January 187 |
|---|---|---|---|---|---|---|---|---|---|

Monday 31st Jan

Bar Aneroid 29 910

Bar Holosteric 29 890

Ther Fahr 82

A fresh S.E. wind & puffs cloudy weather, under topsails on the wind S.W. Many flying fish and "Tropic Birds" around. Unbent mainsail for repairs. Emp in painting starboard overhead boat & waist boat inside. Carpenter @ work caulking the deck around the water closet and gangway

I have made an attempt to reach what is called the "Off shore ground" expecting to cross the Line in 105° W but from 104 Lat 3-40 to position of ship to day is my nearest move southerly winds have prevailed from S W. and not even a "Blackfish" has been seen - and where we thought we should find small fish such as Albicore & Bonetas we have found none. I have had my fill of this section. Tomorrow I start for the "Hawaii Nei"

Lat 00=43 N Long 109=30 West

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**JOURNAL** from San Francisco towards Honolulu H. I. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 1st day of February 187 |
|---|---|---|---|---|---|---|---|---|---|

Tuesday 1st Feb

Bar Aneroid 29.870
Bar Holosteric 29.850
Ther Fahr 84—

A light S.E. wind and clear under jib and topsail through the night @ daylight bore W and set topgallants Empd in repairing the Mainsail saw numerous flying fish a few "skipjacks" and one finback at 12 M bore W by S—

Caught 3 small skipjacks today and in this lattitude we should have them around and folowing the ship constantly! but like the Sperm Whales they do not seem to be here but they make an agreeable change in our fare. Almost anything fresh is preferable to Salt Meats—

Lat 0° 33 N Long 111·30 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon by D. R | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

S. S. Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from San Francisco towards Honolulu H. I. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 2d day of February 187 |
|---|---|---|---|---|---|---|---|---|---|

Wednesday 2d Feb

Bar Aneroid Mon 29.950
Eve 29.9..

Bar Holosteric Mon 29.950
Eve 29.900

Ther Fahr 85—

Saw many Porpoises & flying fish

Caught 3 large "Bonetas"

At 5 P.M. while bending the Mainsail saw a large shoal of Blackfish lowered and chased until dark. they were going quickly S.E. Boat returned bringing a kind large turtle. Many porpoises around Steering W under m royal.

This the 17th anniversary of my wedding has passed without any unusual demonstration of wind and weather the former light S.E. and the latter clear warm & sultry Some rain fell last night. Carpenter at work setting pieces into the port Planksheer inside the house that was very rotten Cooper making a new Grindstone tub and the men at work upon the Mainsail. I have been @ work fitting a key to my room door there not being one in the ship to one of the Cabin doors Steward @ work painting forward Cabin overhead

Lat 37 & No Long—

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

**JOURNAL** from San Francisco towards Honolulu S. I. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 3d day of February 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | A light Easterly air and clear |
| 2 | | | Thursday 3d Feb | | | | | | Nearly calm afternoon |
| 3 | | | | | | | | | Under topgallants W. Emp |
| 4 | | | | | | | | | In repairing our best |
| 5 | | | | | | | | | foresail. Fitting a new |
| 6 | | | Bar Aneroid | | | 29.910 | | | grindstone and tub and |
| 7 | | | | | | | | | painting bow boat |
| 8 | | | | | | | | | Inside I have seen but |
| 9 | | | Bar Holosteric | | | 29.920 | | | one turtle today. No birds |
| 10 | | | | | | | | | have amused myself by |
| 11 | | | Ther Fahr | | | 86 | | | putting the 3d and last |
| 12 | | | | | | | | | deck light I have over the |
| 1 | | | | | | | | | table in the forward cabin |
| 2 | | | | | | | | | Steward emp in painting |
| 3 | | | | | | | | | overhead work in forward cabin |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 1-12 N Long 114.24 W |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* San Francisco *towards* Honolulu H. I. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 4th day of February 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | Calm with heavy rain up |
| 2 | | | Friday 4th Feb | | | | | | to 12 m when a stiff breeze |
| 3 | | | | | | | | | from the N through the day |
| 4 | | | | | | | | | clear under topgallants W |
| 5 | | | Pm Aneroid 29.910 | | | | | | Busy on repairing foresail |
| 6 | | | | | | | | | 1st an attempt to divide food |
| 7 | | | | | | | | | equaly between two large pigs |
| 8 | | | Am Holosteric 29.920 | | | | | | have one of them bit my |
| 9 | | | | | | | | | thumb bad - hence this scrawl |
| 10 | | | | | | | | | |
| 11 | | | Ther Fah 84 | | | | | | |
| 12 | | | | | | | | | |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 1°26 N |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from San Francisco towards Honolulu A. D 1882

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 5th day of February 187 |
|---|---|---|---|---|---|---|---|---|---|

Saturday 5th Feb

Bar Aneroid 29=940

Bar Holosteric 29 920

Ther Fahr 84

Caught our 5th Turtle today Struck him from the Ship

Calm all night with much rain under topgallants & during the afternoon with a light S.E. wind @ 4 bow W.S.W. Saw porpoises turtles yellowtails & a shark shot the latter and caught a turtle from the ship. Emp in repairing the water closet old Sky jib unbent the fly jib and bent the one we have been repairing also unbent the Mn M Staysail for repairs rove new foreward fall to the starboard boat and put new foot ropes and brace block straps to foretopsail yard

Lat 1-00 N Long 116=44 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards Honolulu A D 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 6th day of February 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | A steady light Southerly wind |
| 2 | | | Sunday 6th February | | | | | | and clear throughout |
| 3 | | | | | | | | | under royals through the |
| 4 | | | | | | | | | Night & topgallants in |
| 5 | | | Bar Aneroid Morn 30-00 | | | | | | the daytime, W.H.W. |
| 6 | | | Eve 29-950 | | | | | | saw porpoises only |
| 7 | | | | | | | | | |
| 8 | | | Bar Holosteric Morn 30 000 | | | | | | |
| 9 | | | Eve 29 950 | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | Ther Fah 86 | | | | | | |
| 12 | | | | | | | | | |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | No Observations |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

JOURNAL from San Francisco towards Honolulu A.D. 1887

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 7th day of February 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | A light South wind with |
| 2 | | | | | | | | | rain during the night — |
| 3 | | | Monday 7th Feb | | | | | | Under all sail W. S. W. — Emp. |
| 4 | | | | | | | | | In painting boats repairing |
| 5 | | | | | | | | | sails etc bent new M. T. G. Sail |
| 6 | | | Bar Aneroid | | 29 940 | | | | and shifted the old one |
| 7 | | | | | | | | | forward Emp. In ripping |
| 8 | | | Bar Holosteric | | 29 920 | | | | up old foretopgallantsail |
| 9 | | | | | | | | | Saw finbacks a turtle & |
| 10 | | | Ther Fahr | | 86 — | | | | one large Albicore — |
| 11 | | | | | | | | | symptoms of colic on part of |
| 12 | | | | | | | | | acting mate — Mr Cashman |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 1:40 S Long 119:50 W |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards Honolulu H. I. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 8th day of February 187 |
|---|---|---|---|---|---|---|---|---|---|

Tuesday 8th Feb

Bar Aneroid 29-910

Bar Holosteric 29.920

Ther Salo 84—

Took out port Pump for repairs —

A Moderate South wind ~~so~~ with showers of occasional rain Under all sail W.S.W. emp in repairing sails & ripping up old Fore top gallant sail finished repairing the main topmast staysail and bent the unbent mizzen topmast staysail at dark wind S.E. good breeze squalls all around the southern horizon

Our port pump that has been useless since sailing we took out to day to examine and found a large hole in the lower section one foot from the end although iron it was completely rotten and not having been secured was chaffed badly by the iron knee.

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | No Observations — | | | |

S. S. Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* San Francisco *towards* Honolulu H.I. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|
| | | | Wednesday Feb 9th | | | | | |
| | | | Bar Aneroid | | 29 | 900 | | |
| | | | Bar Holosteric | | 29 | 900 | | |
| | | | Ther Fahr | | 86 – | | | |

**REMARKS.** 9th day of February 187

A fresh E.S.E wind clear & warm Under all sail W.N.W – Emp In repairing Mizzen topmast Staysail. Stripped the port pump and took out the Starboard one found it in much the same condition as the other the lower sections very rotten all the virtue of the Iron completly gone and the next upper sections with a long split over 18 Inches –

I have completly cased the lower sections with yellow pine plank and ~~hoop~~ hooped them off with heavy hoop Iron! the port pump is now seemingly all right – but any man that would send a ship to sea leaking with both pumps useless should in my way of thinking be forced to eat a piece of each pump! —

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards Honolulu H. I. 1881 –

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 10th day of February 187 |
|---|---|---|---|---|---|---|---|---|---|
| | | | Thursday Feb 10th<br>Bar Anroid 29.900<br>Bar Holosteric 29.900<br>Ther Fhhr 86 –<br>An Increase of 5 Pigs to our live Stock – | | | | | | a fresh East-wind and clear weather with some swell and a much rolling ship! – under all Sail W. by N. W. Emp – in repairing Sail and Ships Pumps – finished and bent Mizzen topmast Staysail – and also finished and put back the Starbourd Pump – both of the pumps have been sheathed with yellow pine Staves made from "heading" and hooped off with Iron hoop solder – and I think will last the rest of the cruise – Saw porpoises "flying fish" and "Tropic" Birds<br><br>Lat 4-43 North |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**JOURNAL** from San Francisco towards Honolulu A.D. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 11th day of February 187 |
|---|---|---|---|---|---|---|---|---|---|

Friday 11th Feb

Bar Aneroid 29 890

Bar Holosteric 29.850

Ther Fahr 84

Started our first sack of Coffee to day Cask contains 2 sacks @ 153 lbs

a fresh N E trades with squally weather under topgallantsails N. b. W. Sent down main royal yard to repair sail and painted Inside of Starboard boat. At Intervals during the day there has been slight showers of rain but @ 4. P.M. It came down heavy & for quite 1/2 hour fairly poured a matter to be expected when there is any paint about. In this squall reduced sail to M. T. G. and Fly jib and put boats on skipper cranes on port side. "This old "Ark" just tries to see how she can roll and tumble about she will discount anything I have ever commanded!"

Lat 5.53 North

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards Honolulu H.I. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 12th day of February 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | A strong NE Trade throughout with much rain in squalls through the night - during the day clear but very warm and uncomfortable below - Emp in putting wooden facings on starboard end of Windlass Carpenter @ work calking around steerage hatch - the "combings" of which are far from sound also @ work upon the main royal - and finished painting the starboard boat - |
| 2 | | | Saturday 12th February | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | Bar Aneroid | | 29.900 | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | Bar Holosteric | | 29.900 | | | | |
| 9 | | | | | | | | | |
| 10 | | | Ther Fahr | | 86 — | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 7=25 N Long 129=35 West |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* San Francisco *towards* Honolulu H I 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 12 day of February 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | a strong N. E. trades wind |
| 2 | | | Sunday 13th Feb | | | | | | with rainy squalls under |
| 3 | | | | | | | | | M T. G. sail & S jib S W by W |
| 4 | | | | | | | | | Afternoon clear wind veering |
| 5 | | | | | | | | | around to the N furled the |
| 6 | | | Bar Aneroid 29 980 | | | | | | light sails |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | Bar Holsteric 29 920 | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | Ther Fahr 84- | | | | | | |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | Ship all over on one side | | | | | | |
| 4 | | | like a crab lurching and | | | | | | |
| 5 | | | tossing most uncomfortably | | | | | | |
| 6 | | | making perhaps 6 knots | | | | | | |
| 7 | | | when a fair sailer would | | | | | | |
| 8 | | | make 8 or 9 - | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 9=19 North |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**JOURNAL** from San Francisco towards Honolulu H. I. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 14th day of February 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | A fresh N.E. trades well to the N |
| 2 | | | | | | | | | under topsails N W by W. at 7 A M |
| 3 | | | Monday | 14th Feb | | | | | More moderate Set F. jib & M T G. |
| 4 | | | | | | | | | Sail at 4 P M. bore W. N. W. Emp- |
| 5 | | | | | | | | | loyed repairing main royal fitting |
| 6 | | | Bar | Aneroid | | 30 | 000 | | main brace block strops & etc |
| 7 | | | | | | | | | Many flying fish observed |
| 8 | | | | | | | | | this day— |
| 9 | | | Bar | Holosteric | | 29 | 600 | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | Ther | Fahr | | 82— | | | |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 10 53 N Long 134 = 08 W |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

JOURNAL from San Francisco towards Honolulu H I 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 15th day of February 187 |
|---|---|---|---|---|---|---|---|---|---|
| | | | Tuesday 15th Feb | | | | | | A Strong N.E. trades wind throughout Night and Morning squally Afternoo clear Under Main top gallant sail W.N.W. At 3 P M furled topgallant sail Emp in fitting braces Blocks etc & repairing th royal |
| | | | Bar Aneroid 30.400 | | | | | | |
| | | | Bar Holosteric 29.900 | | | | | | |
| | | | Ther Fahr 80— | | | | | | |
| | | | Saw a Finback whale | | | | | | |
| | | | wind blowing half a gale | | | | | | |
| | | | | | | | | | Lat 12=14 N |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* San Francisco .... towards Honolulu H I 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 16th day of February 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | A strong N E trade wind |
| 2 | | | | | | | | | throughout and cloudy but |
| 3 | | | Wednesday 16th | | | Feb | | | no rain. W.N.W. Main |
| 4 | | | | | | | | | Topgallantsail set during |
| 5 | | | | | | | | | the forenoon only. Sent |
| 6 | | | Bar | Aneroid | | 30.100 | | | aloft Main Royal yard and |
| 7 | | | | | | | | | sail and sent down the |
| 8 | | | | | | | | | fore royal yard for repairs |
| 9 | | | Bar | Holosteric | | 30.000 | | | Noticed many flying fish |
| 10 | | | | | | | | | And early this morning |
| 11 | | | | | | | | | a "Wide Awake" the first I |
| 12 | | | Ther | Water | | 80 | | | have seen. Afternoon just |
| 1 | | | | | | | | | after 12 it commences to |
| 2 | | | | | | | | | breeze on fresh and moderate |
| 3 | | | | | | | | | down during the night |
| 4 | | | | | | | | | wind also has a tendency |
| 5 | | | | | | | | | to veer more aft being more |
| 6 | | | | | | | | | due N E. |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 13.35 N Long 139.28 W. |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

JOURNAL from San Francisco towards Honolulu H. I. 1881

H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 17th day of February 187

Thursday 17th Feb

Bar Aneroid Morn 30.200
Eve 30.100

Bar Holosteric Morn 30.100
Eve 30.000

Ther Fahr 80

A fresh N E trades wind squally through the night. Under the T. G. sail W. N. W. through the day clear and more modera set Foretopgallantsail & M. T. G. sail. Emp. in repairing the fore royal. Carpenter caulking and sheathing decks around hatches. Seen porpoises twice to day. No birds wind tending to the E. N. E

This morning the pumps made 160 strokes before freeing the ship. leak gradually Increasing

Lat 13.12 N Long 142.00 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* San Francisco towards Honolulu A. C. 1881 —

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|

**REMARKS.** 18th day of February 187

Friday 18th Feb

Bar Aneroid Morn 30.200
Eve 30 100

Bar Holosteric Morn 30.100
Eve 30.000

Ther 80

A Moderate N.E. Trade wind squally during the night — Forenoon beautifully clear and moderate — Afternoon cloudy and fresh — under all sail except royals W.S.W. with wind well out to the N E by N — Emp in repairing foresail & fore royal and carpenter caulking around the tryworks trying to make the "Caboose pen" tight —

The flour left over from last cruise is so musty that I cannot eat it — Opened a cask of new containing 11 bags from aft hold —

Lat 16.22 N Long 144-02 W —

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards Honolulu A. D. 1881

H K F COURSES. WINDS. Leeway. Variation. Bar. Ther. REMARKS. 19th day of February 187

Saturday 19th Feb

Bar Aneroid Morn 30-200
Eve 30-100

Bar Holosteric Morn 30-100
Eve 30=080

Ther 80-

A pike headed Nigger I have for 4th Mate while bending the fore royal let the End fall on deck and my pet dog "Zip" as a matter of course was beneath it. the End struck him a severe blow across the loins and I am fearful gave him his death blow

A light N.E Trade wind throughout squally through the night but through the day clear and pleasant. Under topgallants W.N.W. Emp in repairing sails. finished Foresail and put in cask with new topsail. finished fore royal and sent it aloft with yard Carpenter @ work on the Tryworks etc. Noticed only Flying fish this day @ dusk set both royals

Lat 17° = 37′ N Long 146=14 West

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* San Francisco *towards* Honolulu H. I. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|

**REMARKS.** 20th day of February 187

Sunday 20th Feb

Bar Aneroid Morn 30.150
Eve 30 110

Bar Holosteric Morn 30.150
Eve 30.090

Ther Fahr 82

A steady N E trade wind throughout and clear pleasant weather. Under royals all night — W. N. W. topgallants through the day @ 12 M bore West by compass — saw finbacks whales "flying fish" and "Tropic Birds"

All Articles In the cabin Such @ clothing. Books Boots etc are constantly being covered with Fine Mould — About everybody aft has paid attention to removing it today Myself Included

My poor Dog cannot walk!

Lat- 18-46 N- Long 148-20 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

JOURNAL from San Francisco towards Honolulu H. I. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 21st day of February 187 |
|---|---|---|---|---|---|---|---|---|---|

Monday 21st Feb

Bar Aneroid 30 .100

Bar Holosteric 30 100

Ther Fahr 82

My dog "Zip" has been able to go on deck of his own accord for the first time since his accident but he is still far from well

A Moderate East wind and clear weather with the exception of 2 Squalls this forenoon that passed to the N of us under topgallants & W Emp Ind repairing the Main Staysail & fitting the Tryworks & etc. At 12 m bore W½ S At 4 30 P m the cry from aloft of "white water" "Blows" etc Sent all hands on the alert but after running to the S.W. until dark we made them out to be no good either Hump or Finbacks so bore on our course again W½ S and Set the Royal

Lat 19=10 N Long 132.38 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from San Francisco towards Honolulu H I 1881

**REMARKS** 22d day of February 187

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|
| 1 | | | Tuesday 22 Feb | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | Bar | Aneroid | | | 30.180 | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | Bar | Holosteric | | | 30.100 | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | Ther | Fahr | | 82 | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

A Moderate East wind & clear squally through the night under topgallants Upp t. Emp in setting up head stays etc. Carpenter at work making holes in the Taffrail to allow escape of Bilge. Noticed a Frigate Bird and a Gannet only Not a flying fish seen today

Lat 19°25' N Long 152°36' W.

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S. Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* San Francisco *towards* Honolulu A. D.-1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 23 day of February 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | A Moderate East wind and |
| 2 | | | | | | | | | clear weather under royals |
| 3 | | | Wednesday 22d Feb | | | | | | Night Topgallants day W by S. |
| 4 | | | | | | | | | At daylight bore West @ 8 a m |
| 5 | | | | | | | | | sight the Island of Hawaii |
| 6 | | | Bar Aneroid | | | | 30.220 | | Southerly point bearing N.W. |
| 7 | | | | | | | | | and Cape "Kapoho" W by N. |
| 8 | | | | | | | | | nearest land distant 40 miles |
| 9 | | | | | | | | | East. Sr. setting up Main |
| 10 | | | Bar Holosteric | | | | 30.180 | | Stay carpenter caulking around |
| 11 | | | | | | | | | the Main Mast bitts very open |
| 12 | | | | | | | | | running along the South shore |
| 1 | | | | | | | | | of the Island all day SW by W. |
| 2 | | | Ther Fahr | | | | 82— | | at 7 P.M. too dark to see the South |
| 3 | | | | | | | | | point and wind blowing a gale |
| 4 | | | | | | | | | reduced sail to double reefs |
| 5 | | | | | | | | | and luffed to aback to SE. |
| 6 | | | Off Hawaii | | | | | | Ever since we came near |
| 7 | | | | | | | | | enough we have seen the smoke |
| 8 | | | | | | | | | from "Kilanea" & "Mauna Loa" & tonight |
| 9 | | | A bright livid glare from | | | | | | the flames are discernable!— |
| 10 | | | both volcanoes all night!— | | | | | | Lat @ noon 19°21 N |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | No Observations |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**JOURNAL** from San Francisco towards Honolulu H I 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 24th day of February 187 |
|---|---|---|---|---|---|---|---|---|---|

Thursday 24th February

Bar Aneroid 30.200

Bar Holosteric 30.180

Ther Fahr 81-00

West side of Hawaii trying to go into "Karakakoa Bay"

The entire extent of this Island from summit to shore is completely enveloped in smoke from the two active volcanoes —

Aback to the SE under double reefs alone until 4 A M when bore SW at 6 A M saw south point W.S.W. and hauled up for it wind a gale from SE & clear set courses & jib at 7 A M up to point. Smooth under lee increased sail to topgallants at 10 A M a light SW wind ship between Point Pohue & point Kawili 2 miles off shore bent chains & got starboard anchor off bow saw a schooner [illegible] SW — and during the afternoon a square rigger also. through the aft— a light SW wind with a swell from the outside trade here under the lea of the land between the two points mentioned We have been beating all the afternoon a current seems to be setting to the NW — at 6 P. M about calm

No Observations —

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

JOURNAL from San Francisco towards Honolulu H. I. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 25th day of February 187 |
|---|---|---|---|---|---|---|---|---|---|

Friday 26th Feb—

Bar Aneroid 30.240

Bar Holosteric 30.180

Ther Fahr 82—

Opened our Second Cask of last voyage Biscuits

A heavy swell comes rolling around the south end of the Island nearly to this point as recorded but just here tonight it is very smooth

Calm all night aback on probation at 6 a m a light East wind Made all sail to they N by E alongshore which is very Indistinct at least the outlines of the land has been all day can occasionaly see they breakers at 11 a m a calm Emp in "Starting fresh water" they Houses @ Kalakokoa Bay some 8 miles distant. I find a current setting quite strong to they Westward it must have set N W last night but this afternoon P. M. @ 4 P. M a land breeze with fine rain tending to the South made all sail ran for the Bay until dark 6 P. M & they luffed to aback some 2 miles from South point of "Karakokohu" Bay—

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

***JOURNAL** from* San Francisco *towards* Honolulu H. I. 1881 –

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 26th day of February 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | Saturday 26th Feb | | | | | | verry light airs and calm all |
| 2 | | | | | | | | | night – at daylight they land |
| 3 | | | | | | | | | covered with smoke and haze |
| 4 | | | | | | | | | could not make it out – a light |
| 5 | | | Bar Aneroid | | | | 30.100 | | land breeze enabled us to run |
| 6 | | | | | | | | | to they N.E a few miles and then |
| 7 | | | | | | | | | it fell calm land some 8 miles |
| 8 | | | Bar Holosteric | | | | 30.080 | | distant at 9 A M a breeze from |
| 9 | | | | | | | | | W.N.W. ran off to the South |
| 10 | | | | | | | | | some 5 miles and then I came |
| 11 | | | Ther | | 82 | | | | to they conclusion we were |
| 12 | | | | | | | | | south of our port luffed to |
| 1 | | | | | | | | | they wind and commenced |
| 2 | | | | | | | | | beating alongshore to the N.W.E |
| 3 | | | | | | | | | Lat @ Noon places us 31 miles South |
| 4 | | | | | | | | | a strong S.W. set here – Afternoon |
| 5 | | | | | | | | | light N.W. wind working along |
| 6 | | | | | | | | | shore – |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from San Francisco towards Honolulu H I 1881

H K F COURSES. WINDS. Leeway. Variation. Bar. Ther. REMARKS. 27th day of February 187

Sunday 27th Feb

Bar Aneroid 30.100

Bar Holosteric 30.080

Ther Fahr 86 –

At 12 M a light S.W wind sprung up and as my patience was more than exausted at finding the ship south of yesterdays position I bore N.W. for Honolulu and gave up all Idea of visiting "Karakokoa Bay"! – Saw a fore & aft schooner Inshore standing to the South –

When I went below last night I left orders to work her to the N.N.W (as they wind was from that quarter and a good working breeze) and to stand off shore 2 hours and Inshore 3 as we would head alongshore and stem this strong S.W. current thats running here but they wind soon died out to a calm and away we went again off shore & to they South so much so that I could barely distinguish they outlines of they Island though It was not over 20 miles but Its perpetualy covered now with smoke and haze from they volcanoes so that Its difficult to discern any particular part of It. Through the forenoon nearly a calm. Finbacks & Dolphin around

Lat Noon 18-55 N Long Frodsham chron

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | 156 Lon. by. Ob 20 W |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Long by 2d Chron | 155 – too far East 35 W |

**JOURNAL** from San Francisco towards Honolulu H. I. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | |
| 2 | | | Monday 28th Feb | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | Bar | Aneroid | | 30.120 | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | Bar | Holosteric | | 30.080 | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | Ther | Fahr | | 78 | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
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| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

REMARKS. 28th day of February 187

A fresh S.W. wind from dark up to 1. A.M. veering to W. from 1 to 5 calm. then a mod breeze from N.E. under topgallants. N.W. Hawaii N. Point visible N.E. and Maui N outline distinct although a long distance. by 4 P.M. wind blowing fresh had reduced to topsails jib courses & spanker wind tending aft and breezing up fresh. Saw Humpbacks. Emp in making spunyarn & fitting "back span" for upper cutting blocks. At 5 P.M. double reeffed topsails

Lat 19°40 N Long 156°39 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S. Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from San Francisco towards Honolulu H. I. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 12th day of March 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | Tuesday 12th March | | | | | | A fresh Trade wind and |
| 2 | | | | | | | | | clear weather under all |
| 3 | | | | | | | | | Sail for Honolulu |
| 4 | | | | | | | | | At daylight saw Maui |
| 5 | | | | | | | | | Rainai & Molokai - by |
| 6 | | | | | | | | | 12 Meridian was off |
| 7 | | | | | | | | | Diamond Head - The |
| 8 | | | | | | | | | Pilot Boat Capt McIntyre |
| 9 | | | | | | | | | came alongside and |
| 10 | | | | | | | | | I went on shore with |
| 11 | | | | | | | | | him leaving the ship |
| 12 | | | | | | | | | to lay off and on in |
| 1 | | | | | | | | | charge of Mr Cashman |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | Small Pox raging |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | from one end of the |
| 6 | | | | | | | | | Island to the other |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | here |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**JOURNAL** from Honolulu towards "Behring Sea" st. Q. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 8th day of March 187 |
|---|---|---|---|---|---|---|---|---|---|

Tuesday 8th March

My 8 day chronometer the steward had let run down. by some sights by the other I find the 2 day chron - Miles too far West. Shall start the other to night and rate by the other

At 12 M came off to the ship in a schooner & came alongside with Potatoes & Stores a Mr Lyons for 3rd Mate & Mr Wilber for mate who was with me in the "Coral" - ran off to the West under M Topgallant sail until we rounded Barbers point when I hauled up S S W and reduced sail to double reef jib and foresail wind Trade but a gale and since I have been on shore it has blown a constant gale with heavy rain. this does not seem to reach off shore but the wind does - off Barbers point - 4 mile off shore I noticed green water

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* Honolulu *towards* Behrings Sea At. D. 1881

H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 9th *day of* March 187

1
2 Wednesday 9th March
3
4
5 Bar Aneroid 30 250
6
7
8 Bar Holosteric 30 . 120
9
10
11 Ther 78 Fah
12
1
2
3
4
5
6
7
8
9
10
11
12

A rolling pitching ship under reduced sail in a N E gale to the N all night and west all day. No land has been seen although we must have passed within 20 miles of Kauai weather thick cloudy high sea Emp in fitting wire preventer foretopmast backstays and setting up the rigging that is more than slack at 4 P.M bore W by N

Saw for the first time in my life a living squid or Medusa on the surface of the water seemed about 10 ft in length

No Observations Sun obscured

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

JOURNAL from Honolulu towards Behrings Sea &c. 1881—

H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. ……day of…… 187

Thursday 10th March

Bar Aneroid 30.200
Bar Holosteric 30.100
Ther Fahr 80—

Nothing seen to day but the large black birds always found in the neighborhood—.

A strong S.E. Trade cloudy weather high swell and mist around the horizon Under double reefed mainsail close reefed topsails & foresail & storm sails through the night—W.S.W. day time West by S. Emp. in fitting boats blocks reeving new rigging & repairing jib

According to my chronometers Bird Island should bear S by E 35 Miles

Lat 23.42 N Long 162°17 W

Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Honolulu towards Behrings Sea A.D. 1881-

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 11th day of March 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | Friday 11th March | | | | | | A subsiding N.E. gale with |
| 2 | | | | | | | | | dark cloudy weather and |
| 3 | | | | | | | | | light showers of rain @ |
| 4 | | | | | | | | | Intervals. Under double |
| 5 | | | Bar Aneroid | | | | 30 100 | | reefed main close reefed |
| 6 | | | | | | | | | foretopsails foresail and |
| 7 | | | Bar Holosteric | | | | 30 000 | | storm sails N W by W. |
| 8 | | | Ther Fahr | | | | 80 | | Emp In various duties |
| 9 | | | | | | | | | Noticed flyfish and the |
| 10 | | | | | | | | | Hawaiian ^ Black birds |
| 11 | | | | | | | | | only - a swell on the |
| 12 | | | | | | | | | quarter keeps this "old |
| 1 | | | | | | | | | tub" on the roll constantly |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | No Observations |

| Course. | Distance. | Diff of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

*JOURNAL from* Honolulu *towards* "Behrings Sea" A D 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 12th day of March 187 |
|---|---|---|---|---|---|---|---|---|---|

Saturday 12th March

Bar Aneroid 30 000
Bar Holosteric 29 900
Ther Fahr 79 –

A heavy swell from the N.E. and sultry weather

To avoid any unpleasantness on the part of U.S. Revenue vessels in regard to trading I have this day thrown overboard 4 old U.S. Muskets and 1 doz Horse pistols 10 000 percussion Ca.

A subsiding N.E. wind cloudy with much rain through the night – forenoon light wind heavy swell – Afternoon No wind clear & warm Increaced sail to M.T.G. sail served out clothing to the men today – Emp in repairing our best jib in which I have put 25 yds of Canvass purchased at Honolulu. Unbent old main topsail and bent the new one! the only new sail we have left – Noticed many of the Hawaiian Black bird around

Lat 25.45 N. Long 164.44 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

*JOURNAL from* Honolulu *towards* Behrings Sea N. Pc 1881 —

H K F *COURSES.* *WINDS.* *Leeway.* *Variation.* *Bar.* *Ther.* REMARKS. 13th *day of* March 187

Sunday 13th March

Bar Aneroid 30 200

Bar Holosteric 30 100

Ther Fahr 74

Light baffling airs clear weather and high N E swell at times calm no steerage way on the ship until daylight. a Mod North wind under all T. G. sail on the wind W. N. W. Only Hawaiian birds seen

Lat 25=30 N Long 165=08 W

| *Course.* | *Distance.* | *Diff. of Lat.* | *Departure.* | *Lat. by D. R.* | *Lat. by Ob.* | *Variation.* | *Diff. of Lon.* | *Lon. by D. R.* | *Lon. by. Ob* |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Honolulu towards Behrings Sea A.D. 1881—

H K F COURSES. WINDS. Leeway. Variation. Bar. Ther. REMARKS. 14th day of March 187

Monday 14th

9m Aneroid 30.280
9m Holosteric 30.200
9m Fahr 80—

Took all coils of whaleline out of cask "run" 2 and put 4 in Sail Pen—
Put our only spare jib & Topsail In one cask - both are repaired for an emergency - but are very poor sails—

Light airs and calms clear weather under all sail with courses up trying to steer N.W. by N. Emp in demolishing the "Living rack" between decks stowing spare boards between upper deck beams. repairing jib & topsail last sunset. these were both finished and stowed in one cask headed up and put between decks. Many Hawaiian birds around. some swell from N.W. "run" 2 coils of whaleline took 6 out of a cask and put 4 between decks in Sail pen—

Lat 25=32 N Long 165=20 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

JOURNAL from Honolulu towards Behrings Sea A. D. 1881

H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 13th day of March 187

Tuesday 13th March

Bar Aneroid 30.350

Bar Holosteric 30.280

Ther Fahr 74

Guages of Humpback oil
Stowed this day in lower
Main Hold viz 338
332
670 gallons
21 barrells 8½ gals

And an ullage cask
In Blubber room

Took jib out of sail cask and put old foresail & topsail together in same cask –

A Moderate breeze from the N on the wind N.N.W. under all sail. at 7 A M wind fresh and clear furled light sails – Emp in Stowing down the Humpback oil in Lower Main hold from betweendecks repairing old foresail fitting boats etc. Myself @ work upon the Cabin table which I have fitted with a leaf to hang up an down Many black birds and 2 "Molly mokes" noticed Afternoon cloudy and cool

Lat 26°31' N No Long

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

S. S. Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Honolulu towards Behrings Sea A. O. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 16th day of March 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1–12 | | | Wednesday 16th March<br>Bar Aneroid 30 400<br>Bar Holosteric 30 280<br>Ther Fahr 72 | | | | | | A Moderate Southerly wind with cloudy weather and considerable Westerly swell. Under topsails & fore & Aft sail from S.W by W to S.S.W. Emp. Men repairing spare topsail and Fore Topmast sail fitting boats gear. Carpenter caulking forward bitts and forecastle deck |
| 1–12 | | | Put In one cask one Topsail & one jib and 1 F T M S sail & 3 pieces of Twilled whaling Cotton cloth. Cask put between decks aft Blubber room Starboard side<br>Opened our 2d Keg of the Butter | | | | | | Lat 27=30 N Long 167=19 W |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* Honolulu *towards* Behrings Sea A. D. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | Thursday 10th March | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | Bar Aneroid | | | 30.400 | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | Bar Holosteric | | | 30 280 | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | Ther Fahr | | | 74— | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | Saw Finbacks a "Barracouta" | | | | | |
| 4 | | | and many "Hawaiian birds" | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
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| 12 | | | | | | | | |

*REMARKS.* 10th *day of* March 187

Calm light baffling airs and cloudy weather topgallants set Emp in repairing sails setting up head gear fitting jibboom Making boat sail fitting boats etc unbent old flying jib for repairs and bent the best one we have Carpenter fitting Cabin Skylight etc —

Lat 28.02 N Long 167.41 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Honolulu towards Behrings Sea A. Oc 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 18th day of March 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | Calm light baffling airs and |
| 2 | | | Friday 18th March | | | | | | clear pleasant weather |
| 3 | | | | | | | | | topgallants set courses in |
| 4 | | | Lat | | | | | | the brails. Emp in fitting |
| 5 | | | | | | | | | New wire Mizzen stay & |
| 6 | | | Bar | Aneroid | | 30. | 400 | | repairing Mizzen topsail |
| 7 | | | | | | | | | Took in the "Dingy" for |
| 8 | | | | | | | | | repairs and shifted the |
| 9 | | | Bar | Holosteric | | 30. | 300 | | boats on the cranes according |
| 10 | | | | | | | | | to the Officers selections |
| 11 | | | Ther | Fahr | | 76 | | | Many Hawaiian bird seen |
| 12 | | | | | | | | | |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
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| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 28°05' & Long 167°31' W |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from Honolulu towards Behrings Sea A.D. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | |
| 2 | | | Saturday 19th March | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | Bar | Aneroid | | | 30.300 | |
| 6 | | | | | | | | |
| 7 | | | Bar | Holosteric | | | 30.200 | |
| 8 | | | | | | | | |
| 9 | | | Ther | Fahr | | | 78— | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
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| 12 | | | | | | | | |

REMARKS. 19th day of March 187

A light southerly air @ 9 P M tou N.N.W. under all sail forenoon cloudy and wind light tending to S.W. Afternoon clear and pleasant Mod S.W. wind Main royal set Men at masthead forward finished Mizzen Stay sail and bent & set repaired Gaff topsail & rebent Got out spare royal yard up on end abaft Mainmast & broke out aft hold for Flour Beans Rice etc

Lat @ Noon 28-49 N

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

JOURNAL ~~from~~ Honolulu towards Behrings Sea N.O. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. .......day of.......187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | A Moderate westerly wind cloudy |
| 2 | | | Monday 20th | March | | | | | during forenoon under topgallants |
| 3 | | | | | | | | | N.W. Afternoon wind freshening & |
| 4 | | | Bar Aneroid | | 30.400 | | | | hauling in to the N.W. furled the |
| 5 | | | | | | | | | foretopgallantsail. Nothing seen |
| 6 | | | Bar Holosteric | | 30.240 | | | | this day but Hawaiian birds in |
| 7 | | | | | | | | | abundance |
| 8 | | | Ther Fahr | | 70 - | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 30=40 N Long 167=38 W |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F

**JOURNAL** from Honolulu towards Behrings Sea A. D. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 21st ~~day of~~ March 187 |
|---|---|---|---|---|---|---|---|---|---|

Monday 21st March

| | | |
|---|---|---|
| 9m | Aneroid | 30 500 |
| 9m | Holosteric | 30.310 |
| Ther | Fahr | 66 |

@ 4 P M wind abating some Set M T G sail and fly jib heading N by E 1/2 E

A fresh N. W. wind and rugged with cloudy weather. under topsails on the wind N. N. E. Emp in repairing Spanker altering the reeve of the Main topsail Braces etc Painting the Dingy @ 7 A. M. I noticed the water changing to light green which by 10 A M looked very much like shoal water and by 12 M it had changed to deep blue again — As it was blowing fresh & very rugged I did not stop to sound. and as I had the Mastheads manned felt no anxiety as the sea is frequently discolored by quantities of whale feed in these lattitudes. a large turtle and a few of the Hawaiian & Tropic birds seen to day

Lat 32-00 N Long 166=34 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Honolulu towards Behrings Sea A. D. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. day of 187 |
|---|---|---|---|---|---|---|---|---|---|

Tuesday 22d March

Bar Aneroid 30.330

Bar Holosteric 30 125–

Ther Fahr 60–12

At 6 Oclock last night wind moderating and veering to N W clear. Made all sail to the N.N.W. through the night wind increasing with heavily west swell. by 7 A M had reduced to double reefed topsails foresail and storm sails @ 8 A M wind a gale from N.W & cloudy – at 12 M furled foretopsail heading N by E. Afternoon clear but high swell from west and wind hauling more to the N at 4 P M heading NE by N ship most uncomfortable with her rolling and lurching the bulkheads below make such a squeaking that one can hardly hear another talk

Lat 33°–43' N Long 166–11 West—

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**JOURNAL** from Honolulu towards Behrings Sea N. P. 1881—

| H | K | F | COURSES. | WINDS, | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|

REMARKS. 23d day of March. 187

Wednesday 23d March

Bar "Aneroid" 30.480

Bar "Holosteric" 30 200

Ther Fah. 56 —

a subsiding S W gale clear & cold under treble reefs and foresail from S.E to S.S.E. through the forenoon Moderating one reef out of topsail & reefed jib and Spanker set Afternoon squally took in jib and Spanker

Emp in fitting oil lashing breaking out Pendants "Fin Ropes" fitting weather cloths In fore rigging and Span from main rigging to Spare spar abaft Mainmast to lash cutting falls to A very few of the Hawaiian birds left - a heavy swell still from the west and another one from the S at dusk reduced to treble reefs foresail and stay sails

Lat and Long not ascertained

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* Honolulu ........*towards* Behrings Sea A.D. 1881

| | H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 24th day of March 187 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | A subsiding S.W. gale with a heavy swell from the S & W throughout the forenoon wind abating weather cloudy Emp in repairing M.T.G. stay sail Increasing sail gradually by T G M Head single reef jib fly jib spanker courses. & Mizzen topmast staysail set Ship tossing about in the swell most uncomfortable and bulkheads squeaking horribly - |
| 2 | | | | Thursday 24th March | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | Bar | Aneroid | | 30.400 | | | |
| 5 | | | | | | | | | | |
| 6 | | | | Bar | Holosteric | | 30 175 | | | |
| 7 | | | | | | | | | | |
| 8 | | | | Ther | Fahr | | 58 morn | | | |
| 9 | | | | | | | 60 Eve - | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | Employed myself in reversing one of the Cabin doors: that I may put the Cabin stove in a safe position - | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | No Observations |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* Honolulu towards "Behrings Sea" A. D. 1887

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 25 day of March 187 |
|---|---|---|---|---|---|---|---|---|---|
| | | | Friday 25th March<br>Bar Aneroid 29.940<br>Bar Holosteric 29.700<br>Ther Fahr 62<br>The working of the cabin bulkhead is creating so much noise that it is almost impossible to hear a sound on deck—<br>Myriades of Physalia known as "Portuguese Men of War" literally swarm in the water to day. They are always found in these latitude at this season of the year— | | | | | | A moderate wind and high swell from the SW tending to the westward by 10 P M yesterday it was S.W. steering under single reefs and courses S W by S. after 12 M N wind increasing gradually by daylight a fresh gale with rain reduced sail to close reefs and foresail. Afternoon wind tending to the SW again cloudy with high swell steering S W by S<br>No Observations — |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**JOURNAL** *from* Honolulu ............ *towards* Behrings Sea A. D. 1881

**H** | **K** | **F** | **COURSES.** | **WINDS.** | *Leeway.* | *Variation.* | *Bar.* | *Ther.*

Saturday 26th March

Bar Aneroid 29.780

Bar Holstein 29 400

Ther Fahr 62.

"Immense quantity of "Portuguese man of wars" observed and but few birds

**REMARKS.** 26th *day of* March 187

A h-l of a swell from the west and a S W gale clean this old tub will eventually roll herself to the perfect satisfaction of all her inmates if she continues to improve as rapidly as she has for the past week. split our best jib last night and repaired it today and have overhauling the cutting gear I have been at work all day upon the Cabin stove which is now "on end" already for action

Lat 38°00' & Long 164=10 W.

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Honolulu towards Behrings Sea N. P. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 27th day of March 187 |
|---|---|---|---|---|---|---|---|---|---|

Sunday 27th

Bar Aneroid Morn 29.700
Eve 29 550
Bar Holosteric Morn 29 400
Eve 29 2.50
Ther Fahr 56—

Saw a seal to-day & a few "Right-whale Birds"

A strong westerly wind clear and squally under double reef and foresail & Wg & Making and taking in sail as the wind lulls or breezes part of the day have had jib and mainsail set but this afternoon the squalls are more frequent and more violent more wind than rain reduced to treble reef & foresail. Barometers both are slowly falling either indicating wind or hail.

Lat 39=10 & Long 164=25'

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Honolulu towards Behrings Sea &c &c 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 28th day of March 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | An Increasing westerly gale |
| 2 | | | Monday 28th March | | | | | | with heavy squalls by 12 M |
| 3 | | | | | | | | | it had reduced to close reefed |
| 4 | | | | | | | | | Maintopsail and Storm sail |
| 5 | | | Bar Aneroid 29.540 | | | | | | forenoon clear between the |
| 6 | | | | | | | | | squalls which increased in |
| 7 | | | Bar Holosteric 29.240 | | | | | | violence. At 1 P M wore ship |
| 8 | | | | | | | | | to the S.W. and took in the |
| 9 | | | Ther 54 | | | | | | foretopmast an main |
| 10 | | | | | | | | | Staysails. ship laying to much |
| 11 | | | | | | | | | better afterwards having before |
| 12 | | | | | | | | | shipped one heavy sea. at |
| 1 | | | | | | | | | 4 P M blowing a heavy gale |
| 2 | | | | | | | | | squalls less violent and |
| 3 | | | | | | | | | Barometer inclined to rise |
| 4 | | | | | | | | | Saw a large stick of timber |
| 5 | | | | | | | | | some 35 ft long |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | No Observations |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
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| | | | | | | | | | |

JOURNAL from Honolulu towards Behrings Sea &c &c. 1881 —

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 29th day of March 187 |
|---|---|---|---|---|---|---|---|---|---|

Tuesday 29th March

Bar Aneroid 29.340

Bar Holosteric 29.000

Ther Fahr 56 —

Saw a small fin seal playing around the ship

About 10 oclock last night it commenced to moderate and by 3 A M it was calm with a heavy swell — at 5 A.M a light breeze sprang up from the S.E Increased sail to single reefs and foresail and bore S.W. by 8 A M it had veered around to Southy blowing and raining hard reduced sail to close reefs. at 10 A M it had veered around to West with heavy squalls but clear between reduced to close reefed Main topsail and Storm sails and foresail at 12 M blowing heavy furled foresail and wore ship to the South at 3 P M between the squalls wore and wore back to the S.W.

No Observations —

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Honolulu towards "Behrings Sea" A. D 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | |
| 2 | | | Wednesday 30th March | | | | | |
| 3 | | | | | | | | |
| 4 | | | Bar Aneroid | | | 29 | 820 | |
| 5 | | | | | | | | |
| 6 | | | Bar Holostine | | | 29 | 540 | |
| 7 | | | | | | | | |
| 8 | | | Ther Fahr | | | 54 | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
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| 12 | | | | | | | | |

REMARKS. 30th day of March 187

A strong west gale with heavy squalls of wind and rain under treble reefed M. topsail and fore & mizzen staysails heading S.W. at 3 A.M. wind shifting to N.W. wore ship to the S.W. All through the afternoon hove to clear sunshine between the squalls that are less violent and indications of better weather show

No Observation

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

JOURNAL from Honolulu towards "Behring Sea" [illegible] 1881

H K F COURSES. WINDS. Leeway. Variation. Bar. Ther. REMARKS. day of 187

31st March

Thursday 31st March

Bar Aneroid 30 350

Bar Holosteric 30.000

Ther Fah 56 –

Put up the "Crowsnest" and painted it and top of after house dark lead color

A subsiding N.W. gale and swell. Under storm sails hove to heading N.E. by N. Clear weather between squalls that have lots wind and rain in them. Increasing sail as weather moderates by 4 P.M. had double reefed foresail & jib set heading on the wind N.E. by N. Emp in sorting over the potatoes purchased at Honolulu which are fast spoiling. These New Zealand potatoes seem to wilt quick in warm weather

Lat 39°55' Long 163°20'W.

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

JOURNAL from Honolulu towards Behrings Sea A.D 1881 —

H K F COURSES. WINDS. Leeway. Variation. Bar. Ther. REMARKS. 1st day of April 187

Friday 1st April

Bar Aneroid Morning 30.340
" " Evening 30 234
Bar Holosteric Morning 30.120
" " Evening 29 980

Ther Fah 58 —

Employed myself In fitting window to Water closet & Moving "Swinging tray" aft over Cabin table. and fitting Stove pipes to Cabin stove

To day we have been sailing through Myriades of Small "Portuguese Men of War" the most of them Infinitesimaly Small Many Hawaiian birds a few White birds and a piece of decayed "Squid" observed

By 12 Midnight It was calm with a heavy swell and so continued up to 9 A M when a light N.E. air sprung up Set Main Royal and bore N.W. weather cloudy with dark gloomy horizon to the South Afternoon light breeze with rain emp in various duties - Blacksmith at work at his forge. found Mizzen topmast stay bad put a "Strand In. filled our fruit "ground tier" casks with salt water after putting the fresh water in the scuttle butt —

Lat 39=44 North

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S. Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* Honolulu *towards* Behrings Sea St. Apl 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 2d day of April 187 |
|---|---|---|---|---|---|---|---|---|---|

Saturday 2d April

At 12 Midnight I was taken ill with vertigo and have been obliged to keep my bed hence no notes taken of the weather beyond what I have already written

An Increasing SE wind with rain made main royal S.W. by 12 M had reduced to double reefed topsails & foresail much rain & squally weather daylight more mod Increased sail to main royal and foretopgallantsail wind tending to the SW with thick fog through the day

No Observations

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from Honolulu towards Behring Sea A.D. 1881 -

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|

Sunday 3d April

Bar Aneroid 29 850

Bar Holosteric 29 550

Ther Fahr 52

Not much Improvement in my condition very light headed but no pain & good appetite. Undergoing Blistering and Purging

**REMARKS.** 3d day of April 187

An Increasing gale from the S.W. with rain and fog and a gradual veering of the wind to the Westward. reducing sail as it Increases in force and steering N.W. by 4 P.M. blowing a gale from W.N.W. and clear weather hove to under treble reefed Main topsail and storm sails heading S by E. At 8 P.M. blowing heavy. wore ship to the S.W. furled foretopmast and Main staysails

Lat 41=58 N Long 164=33 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
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S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

*JOURNAL from* *towards*

| *H* | *K* | *F* | *COURSES.* | *WINDS.* | *Leeway.* | *Variation.* | *Bar.* | *Ther.* | *REMARKS.* ............ *day of* ............ *187* |
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| *Course.* | *Distance.* | *Diff. of Lat.* | *Departure.* | *Lat. by D. R.* | *Lat. by Ob.* | *Variation.* | *Diff. of Lon.* | *Lon. by D. R.* | *Lon. by. Ob.* |
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S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

*JOURNAL from* .................................................. *towards* ......

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. ..................day of........ ..........................187 |
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| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
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S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Honolulu towards Behrings Sea [illegible] of 1881 —

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 4th day of April 187 |
|---|---|---|---|---|---|---|---|---|---|

Monday 4th April

Bar Aneroid 30 240

Bar Holostein 29-980

Ther Fahr 34 –

Feeling better to day but still a dizzy feeling in my head and pain in back of neck have taken mild purges & light diet –

A strong W.N.W. gale with high sea clear weather and a rising barometer under close reefed Maintopsail & storm sails hove to heading S.W. At 12 M set foretopsail close reefed wind abating sun out bright at 4 P.M. set double reefs jib spanker and foresail and wore ship to the N by W.

Lat 42=53 N Long 164=14 West

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
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S. S. Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL from** Honolulu **towards** "Behrings Sea" A. D. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 5th day of April 187 |
|---|---|---|---|---|---|---|---|---|---|

Tuesday 5th April

Bar Aneroid Morn 30 35-0
Eve 30 300
Bar Holsteiner Morn 30 100
Eve 30 050
Ther Fahr 60

A Finback whale and 2 Fur seal observed to day

Am better today but still dizzy and quite weak from a severe Scourging I have inflicted upon Myself - but the back of my neck is not feeling natural and I am far from a well man. I would give considerable for Medical advice - but its not to be had here

A subsiding west gale and clear weather. Increasing sail during the night from time to time and heading on the wind & daylight calm. At 11 A M light South wind. At 12 Made all possible sail. During the afternoon wind light from S to SE baffling. Steering N.W. - Emp in fitting Mizzen topmast stay Main royal stay setting up wire preventer backstays Scurvying davits putting up stove in forecastle & etc. Weather cloudy and sea smooth this P. M.

Lat 43.20 N Long 164 = 10 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
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S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

*JOURNAL from* Honolulu *towards* Behrings Sea A. D. 1881

*H* | *K* | *F* | *COURSES.* | *WINDS.* | *Leeway.* | *Variation.* | *Bar.* | *Ther.* | *REMARKS.* 6th *day of* April *187*

Tuesday 6th April*

Bar Aneroid 30 000
Bar Holosteric 29 720
Ther Fahr 58 —

Feeling somewhat better to day but not well as I could wish —

A Moderate S.E. wind and cloudy weather under all sail N.W. At 3 A M commenced to rain furled Mainsail & fore and aft sails and reefed Foretopsail during forenoon wind abating thick weather Afternoon just steerage way a dense fog and a heavy swell from the west about broadside to causes this box to roll more than ever off all uncomfortable crafts afloat I do not think this can be beat. As far as an experience of 35 years goes I am thoroughly convinced —

No Observations —

| *Course.* | *Distance.* | *Diff. of Lat.* | *Departure.* | *Lat. by D. R.* | *Lat. by Ob.* | *Variation.* | *Diff. of Lon.* | *Lon. by D. R* | *Lon. by Ob* |
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JOURNAL from Honolulu towards Behring Sea A.D. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 7th day of April 187 |
|---|---|---|---|---|---|---|---|---|---|

Thursday 7th April

Bar Aneroid Morn 29.850
Eve 29.900
Bar Holosteric Morn 29.580
Eve 29.720

Ther Fahr cannot tell as we have had a fire in the Cabin for the first time and I am not well enough to fit a place for it on deck— still feel dizzy at times. have taken 2 pills and a dose of salts which have improved my general feelings —

Opened and put in Starboard cabin locker to day as follows

Viz 1 Case Oysters
" 1 do Clams
" 1 do Fresh Salmon
" 1 do String Beans
" 1 do Pork & Beans & Turkey in one case
" 1 do Asst Pie fruits

A light S.E wind with rain & high swell through the night forenoon clear tremendous swell and ship dancing about like a paper kite in a squall steering N W under Main royal— At 9 a m calm up to 2 P M when a breeze sprung up from the W.N.W. cutting down the swell some and letting us head from N. to N.N.E as wind varies. Emp in fitting cutting spades Forecastle stove starting fresh water & etc— One gray gull one Hawaiian Bird & one finback seen to day

Lat 45°30 N Long 165°40 W—

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob. |
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JOURNAL from Honolulu towards "Behrings Sea" Lt. 4. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 8th day of April 187 |
|---|---|---|---|---|---|---|---|---|---|

Friday 8 April

Bar Ameroid 30.050
eve 29.900
Bar Holsteins 29.800
eve 29.650
Ther Fahr 56

8 Harness Cask tubs —
a bundle & Cask in
Aft-lower hold —

A light west N.W. wind and cloudy weather through the night Under all sail on the wind N.N.W. at 5 a m wind veered to S.W. bore N.W. Emp. in stowing off "Blubberroom" Afternoon a fresh S.E. wind cloudy and cold N.W. under main royal and although the wind is square aft the ship rolls less than she has done for the past 3 weeks

An "Albatross" and 1 Hawaiian Bird alone noticed

In between decks between the fore and main hatches are
viz 2 casks Slops. 1 Cask old Bread
1 Cask old Flour and one
small cask that has 1 old flyjib
and 5 boatsails all old —
4 old Steering oars and 2 boat
oars only —.

On the "Sail Pen" a box with
Sowwesters - oil clothing & native
boots —

I am feeling better but still slightly dizzy

Imperfect Lat 46° 35' N

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob |
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JOURNAL from Honolulu towards "Behrings Sea" A. D. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 9th day of April 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | Saturday 9th April | | | | | | A fresh SE gale tending to the E |
| 2 | | | | | | | | | with much rain reduced sail |
| 3 | | | Bar Aneroid 29.700 | | | | | | to topsails and foresail steering |
| 4 | | | Eve 29 600 | | | | | | N.W. at daylight moderately SE & thick |
| 5 | | | | | | | | | fog Made all sail @ 12 M clear |
| 6 | | | Bar Holosteric 29 500 | | | | | | wind light and ship rolling |
| 7 | | | " 480 | | | | | | enough to distract one of all |
| 8 | | | Since making a fire | | | | | | the d— abominably old boots |
| 9 | | | In the Cabin stove | | | | | | for discomfort this one carries |
| 10 | | | I notice there is less | | | | | | the belt. Emp. in putting |
| 11 | | | difference between these | | | | | | stoppers on leach and foot |
| 12 | | | Instruments showing | | | | | | of foretopsail fitting spades |
| 1 | | | the effect of Temperature | | | | | | etc— |
| 2 | | | Natural & Artificial | | | | | | A "Crow Bill" Northern Auk and |
| 3 | | | | | | | | | 2 Parrot Bills |
| 4 | | | | | | | | | observed to day |
| 5 | | | | | | | | | No Hawaiian birds seen!— |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
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| 12 | | | | | | | | | Lat 48=43 N Long 167=12 W |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
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S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Honolulu towards Behrings Sea at A. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 10th day of April 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | A Moderate S.E. wind cloudy weather |
| 2 | | | Sunday 10th April | | | | | | and heavy westerly swell - Under |
| 3 | | | | | | | | | All sail S.W.by W. at 5 a m it- |
| 4 | | | Bar Aneroid | | 29.600 | | | | Came in thick fog at 11 lighted up |
| 5 | | | | | | | | | and commenced to rain & wind |
| 6 | | | Bar Holosteric | | 29.450 | | | | hauling to the southward. Afternoon |
| 7 | | | | | | | | | passably clear - Under royals S.W |
| 8 | | | Ther below no notes, a/c cabin stove | | | | | | again - A Northern "Albatross" |
| 9 | | | | | | | | | and a few "Right Whale birds" |
| 10 | | | | | | | | | only noticed this day. at 6 P M |
| 11 | | | | | | | | | thick fog again saw a piece of |
| 12 | | | | | | | | | Kelp. the nearest land "Tanaga" |
| 1 | | | | | | | | | Island bears S ½ W 140 miles dist |
| 2 | | | | | | | | | "Amoukhta" Island for which I |
| 3 | | | | | | | | | am steering the Easternmost Island |
| 4 | | | | | | | | | of the 172° pass is 155 miles dist |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
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| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 50=13=N Long 168.49 West |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon by D. R | Lon. by Ob. |
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JOURNAL from Honolulu towards Behrings Sea At— C— 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 11th day of April 187 |
|---|---|---|---|---|---|---|---|---|---|

Monday 11th April

Bar Aneroid 29.780

Bar Holosteric 29.600

Ther Fahr 42 on deck—

By the observations obtained and the Indications of fine weather from the Barometers It was my Intention to have kept on N W & by the aid of a nearly full moon passed through "Amoukhta pass" Into Behrings Sea to night but by 7-30 P.M. It was a dense fog and not sure of having seen any land to day. I deemed It best to wait until tomorrow so from all sail we reduced to M. T. G. sail and with courses up laid with head yards aback heading N with wind light E.N.E & smooth sea—

All through the night a south wind with fog lifting and shutting down Ship making about 6 knots. At 5 A M wind out East with constant fog squalls. at times quite clear saw several pieces of detached kelp and some light drift wood water Inclined towards green hue— but scarce a living thing In the shape of Bird life or any other In fact the more remarkable from the fact that the "Crow Bills" or Northern Auks are always found In great numbers about here at this time. The nearest land @ 4 P M "Amoukhta" Island bears N. N. W. by Observation 40 miles distant. Throughout the entire day very mild temperature 2 Grey Gulls. 1 Parrot-Bill duck and an Albatross only seen to day—

Lat 51°47 N Long 170°40 West

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
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JOURNAL from Honolulu towards "Cape Navarin" Asia. A.D. 1881

H K F COURSES. WINDS. Leeway. Variation. Bar. Ther. REMARKS. 12th day of April 187

Tuesday 12th April

Pass Into Behrings Sea —

Bar Aneroid Morn 29.700
Eve 29.600
" Holosteric Morn 29.380
Eve 29.310
Ther Fahr Deck 12 M 40 —

The Islands on both sides the pass "Amoukhta" have been seen to day. the upper portions of which were surrounded by vaporous clouds of weird like whiteness and sombre darkness - above their winter mantle of snow which had only dissolved on the lower levels there were quite destitute showing I think an advanced Spring - and as we passed within 8 or 10 miles of "Amoukhta" had ample opportunity to note this but the absence of bird life seems remarkable to [illegible]

at 8. 30 last night It came in a thick fog. reduced sail to topsails & laid aback, heading S. @ 9 It cleared up some bore S.W. under easy sail until 10 when It came in thick again hove to for the night aback on alternate tacks. at 4 A M daybreak bore S W. and made all sail at 5 A M saw "Amoukhta" Island S W by S 20 miles. at 8 A M was up abreast It and passed through Into Behrings Sea once again weather clear & cool wind fresh & smooth sea no race but few birds except 2 flocks wild Geese through the day wind gradually freshening from the S S.E by 4 P. M. rainy & thick weather has reduced to single reefs steering S W by W

— No Observations —

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
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S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from Honolulu towards Cape Navarin Asia — [illegible] 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 13th day of April 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | At 7 P M yesterday reduced sail to |
| 2 | | | Wednesday 13th April | | | | | | double reefs and courses wind |
| 3 | | | | | | | | | fresh with rain from N.N.E trending |
| 4 | | | Bar Aneroid | | | | 29.5 | | to the N with heavy northerly swell |
| 5 | | | | | | | | | heading W.N.W. through the night |
| 6 | | | Bar Holstein | | | | 29 | .380 | Moderating and trending to N W. |
| 7 | | | | | | | | | daylight clear and cold wore ship |
| 8 | | | Ther Fahr deck morning 32 — | | | | | | to the N.N.E. and increased sail |
| 9 | | | do Meridian 40 — | | | | | | to topgallantsails through the day |
| 10 | | | | | | | | | wind light from westward |
| 11 | | | | | | | | | heading from N to N.N.W. got |
| 12 | | | Total absence of Bird or | | | | | | better way on the ship Afternoon |
| 1 | | | Animal (marine) life — | | | | | | the first Snow squall of the |
| 2 | | | Water [illegible] to [illegible] | | | | | | season very light wind |
| 3 | | | | | | | | | Emp in various duties Cooper |
| 4 | | | | | | | | | emp in reducing size of the |
| 5 | | | | | | | | | Carpenters bench Myself |
| 6 | | | | | | | | | fitting Thermometer case for |
| 7 | | | | | | | | | deck observations — |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 53-27 N Long 172-54 W — |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
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S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** ~~from~~ Honolulu towards Cape Navarin St. L. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 14th day of April 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | Thursday 14th April | | | | | | from 7 to 9 last night a thick |
| 2 | | | | | | | | | Snow storm the wind |
| 3 | | | Bar | Aneroid | | Morn | 29 | 850 | shifted to the E bore S W under |
| 4 | | | | | | Eve | 29 | 950 | topgallants @ 2 A M wind hauled |
| 5 | | | | | | | | | to the S fresh & cold reduced to |
| 6 | | | Bar | Holosteric | | Morn | 29 | 600 | double reefs and courses |
| 7 | | | | | | | 29 | 650 | heading on the wind west- |
| 8 | | | | | | | | | forenoon Moderate and |
| 9 | | | Ther | Fah Morning | deck! | | 34° | | cloudy Increased sail to |
| 10 | | | | Evening | | do | 38 | | topgallants @ 11.30 heading |
| 11 | | | | | | | | | S W. tacked to the South |
| 12 | | | | | | | | | Afternoon cloudy Moderate |
| 1 | | | | | | | | | wind swell from the South |
| 2 | | | | | | | | | heading S W by W — |
| 3 | | | | | | | | | Emp in fitting forward |
| 4 | | | | | | | | | Spade box for deck spades |
| 5 | | | | | | | | | Put spirit compass in skylight |
| 6 | | | | | | | | | and took the other down |
| 7 | | | | | | | | | Nothing has been seen to day |
| 8 | | | | | | | | | but one Gray Gull at 12 |
| 9 | | | | | | | | | Midnight calm |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | No Observations — |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from Honolulu towards Cape Navarin A. D. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 15th day of April 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | Friday 15th April | | | | | | Calm and cloudy @ 1 A M a |
| 2 | | | | | | | | | light S.E air bore S W under |
| 3 | | | Bar Aneroid | Morn | | | 29 | 850 | all sail forenoon clear with |
| 4 | | | | Eve | | | " | 450 | wind inclined to the East |
| 5 | | | Bar Holosteric | Morn | | | 29 | 500 | and breezing up Afternoon |
| 6 | | | | Eve | | | " | 450 | cloudy wind fresh from the |
| 7 | | | Ther Fahr | Morn | | | 34 | | East at 12 M bore N W by W |
| 8 | | | | Eve | | | 40" | | at 4 P. M commenced snowing |
| 9 | | | | | | | | | Nothing worthy of note seen |
| 10 | | | | | | | | | to day beyond a grey gull & a |
| 11 | | | | | | | | | piece of kelp @ 7 P M |
| 12 | | | | | | | | | blowing fresh with much snow |
| 1 | | | | | | | | | wind due east reduced sail |
| 2 | | | | | | | | | to double reefs jib M T M T sail |
| 3 | | | | | | | | | and foresail @ 7½ P M furled |
| 4 | | | | | | | | | the foresail |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
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| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat 54:34 No Longitude |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from Honolulu towards Cape Navarin A. D. 1881-

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 16th day of April 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | Saturday 16th | April | | | | | A fresh N E gale with much |
| 2 | | | | | | | | | Snow falling @ 5 a m put- |
| 3 | | | Bar | Aneroid | | Mon | 29 | 300 | 3d reef in Main topsail |
| 4 | | | | | | Eve | 29 | 400 | Steering N.W.b W under |
| 5 | | | Bar | Holosteric | | Mon | 28 | 980 | close reefs and Stormy |
| 6 | | | | | | Eve | 29 | 120 | sails. Water inclined to green |
| 7 | | | | | | | | | Saw several Gulls and a |
| 8 | | | Ther | Fahr | | Mon | 35 | | few seal only this day— |
| 9 | | | | | | Eve | 32 — | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
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| 12 | | | | | | | | | Imperfect Lat @ Noon 56=13 N |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon by D. R | Lon. by. Ob |
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S. S. Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* Honolulu *towards* Cape Navarin N C 1888

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 17th day of April 187 |
|---|---|---|---|---|---|---|---|---|---|

Sunday 17th April

| | | |
|---|---|---|
| Bar Aneroid | Morn | 29.650 |
| | Eve | 29.800 |
| Bar Holosteric | Morn | 29 300 |
| | Eve | 29 620 |
| Ther Fahr | Morn | 26 |
| | Eve | 26 |

A strong N.N.W gale with hail squalls and intensely cold weather on the wind W by N from 9 last night under close reefed topsails and storm sails. A few gray gulls and 3 shags noticed to day. Afternoon more moderate and fewer squalls

Information was received to day from Manuel Silva a boatsteerer that the cask of Ship Bread opened on the Inst contained a box of Crackers that was stolen by Daniel Harris (also a boatsteerer) and that he had them in his possession. on examination of said Harris he confessed to have taken them but denied all knowledge of their position @ present. I told him I should charge him $25.00 for the same and have made the entry on the ships a/c book against his name

Lat 56-38 N Long 179-47 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S. Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Honolulu towards Cape Navarin A. D. 1881—

H K F COURSES. WINDS. Leeway. Variation. Bar. Ther. REMARKS. day of 18th April 187

Monday 18th April

Bar Aneroid Morn 29.940
Eve 30.000
Bar Holosteric Morn 29.660
Eve 29.780
Ther Water 32

Daniel Harris boatsteerer suffering from the effects of gluttony complains of a pain in his bowells The box that contained the crackers he stole from the fore hold was found this morning empty on the lower fore hatches — if he has eaten a fourth of them I have no surprise that he suffers. I trust it will be severe enough for him to worship all crackers hereafter!

a S W gale with hail squalls & high sea on the wind W by S and close reefs and storm sails at 1 A M calm suddenly at 2 a breeze from SW squally snow & hail bore S W by W at 7 a m a gale with much hail and continued up to 10 A M. when commenced to moderate set double reef jib and foresail 12 M wind out S W squally heading from S E to S S E. Afternoon wind strong in gusts with snow & hail set mainsail heading S by W wind inclined to Westward saw a number of common gulls and "Shags" this day water inclined to green. by 7 P M had reduced sail to close reef and storm sails squalls very violent

Lat 57° 06 Long 179°43 W

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon by D. R. | Lon. by Ob. |
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| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from Honolulu towards Cape Navarin N. E. 1881 —

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 19th day of April 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | Tuesday 19th April — | | | | | | At 9 PM yesterday it subsided nearly |
| 2 | | | | | | | | | to a calm and so continued. |
| 3 | | | | | | | | | through the night @ 4 AM a light |
| 4 | | | Bar Aneroid | | Morn | 30 | 120 | | breeze from NW. from 7 to 10 squally |
| 5 | | | | | Eve | 30 | 80 | | @ 12 calm and clear at |
| 6 | | | Bar Holosteric | | Morn | 29 | 880 | | 4 PM a light NE air & thick |
| 7 | | | | | Eve | 29 | 850 | | snow storm made main |
| 8 | | | Ther Fahr | | Morn | 29 | | | royal N W by N. Filled the |
| 9 | | | | | Eve | 44 | | | "Scuttle butt" with fresh water |
| 10 | | | | | | | | | from lower main hold the |
| 11 | | | | | | | | | pump from it on deck freezes |
| 12 | | | Samuel Harris sick off duty — | | | | | | frequently through the day — |
| 1 | | | | | | | | | A number of common gulls |
| 2 | | | | | | | | | noticed to day only |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | Lat @ Noon 57° 45' N No Long |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Honolulu towards Cape Navarin A.D. 1881 —

H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 20th day of April 187

Wednesday 20th April

| | | |
|---|---|---|
| Bar Aneroid | Morn | 30 050 |
| | Eve | 30 180 |
| Bar " Holosteric " | Morn | 29 800 |
| | Eve | 29 980 |
| Ther Fah " | Morn | 29 — |
| " " | Eve | 44 |

Employed myself in fitting the cabin sofa and stopping the ventilation between the aft timbers —

a steady wind fresh from the westward with occasional snow squalls under M.T.G. sail on the wind. N by W at 8 am wind hauling to the North attempted to tack but she would not stay so wore ship to the W by N at 10 am wind gradually hauling to the NE set foretopgallant sail at 12 M calm and clear "Ice blink" into the N.E. at 2 PM a light E.N.E air cloudy N W by N under royals. Saw several Ice gulls and a number of common do water inclining to a lighter green color @10 PM fresh W.N.W. wind double reefed topsails

Lat 58.50 N Long 179=1st West

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* Honolulu *towards* "Cape Navarin" St. L. 1881 —

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 21st day of April 187 |
|---|---|---|---|---|---|---|---|---|---|

Thursday 21st April

In Behrings Sea up to south edge of Pack Ice. Supposed Lat 60.35 Long 179=40 East — no discoloration of water at all but many birds about it "Crow Bills" & Gulls various species

| | | | |
|---|---|---|---|
| Bar Aneroid | Mom | 30 | 280 |
| | Eve | 30 | 320 |
| Bar Holosteric | Mom | 30 | 000 |
| | Eve | 30 | 100 |
| Ther Fahr | Mom | 34 | |
| | Eve | 37 | |

A steady W.S.W. wind with snow squalls & [illegible] under double reefs at 7 a m more moderate Increased sail @ so had main Royal set and could have set the foretopgallantsail & Royal but as we cannot do that & keep mastheads without unnecessarily exposing them (i.e. the men on the lookout) from this time henceforth when I say under all sail those two we be excepted @ 10.20 a m saw scattering Ice and at 11.30 were up to the body of it and wore ship to the south. Although the air was full of snow and the weather gloomy we could have it from E to S.W. Afternoon on diff tacks working to the West

No Observations —

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

JOURNAL from Honolulu towards Cape Behring N. A. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 22d day of April 187 |
|---|---|---|---|---|---|---|---|---|---|

Up to Pack Ice In "Behring Sea"

Friday 22d April

Bar Aneroid Morn 30 280
Eve " "

Bar Holosteric Morn 30 000
Eve 29 980

Therm Fahr Morn 35
Eve 38

A fresh W.S.W. wind with snow squalls under double reef and stormy sail – courses furled – on different tacks off and off from the Pack Ice at 8.30 wore to S.E away from the edge of the Ice which is much broken up by the heavy swell as the weather is dark gloomy and the air full of snow distant objects are much obscured so we can but see a short distance over the Ice and as the wind is now blowing directly on to it and such a heavy swell running there is no chance to approach near to it. a number of Gulls & a finback observed at 4 P.M wind fresh & S.W. At 5.30 up to the Ice again that makes to the S.W. wore to S.E.

No Observations –

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**JOURNAL** from Honolulu towards Cape [illegible] &c 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|

Saturday 23d April

| | | | |
|---|---|---|---|
| Bar Aneroid | Morn | 30 | 250 |
| | Eve | 30 | 300 |
| Bar Holosteric | Morn | 30 | 000 |
| | Eve | 30 | 240 |
| Ther Fahr | Morn | 36 | 000 |
| | Eve | 34 | 000 |

REMARKS. 23 day of April 187

A fresh S.S.W. wind with high swell and snow squalls. on diff tacks off from & up to the Pack Ice under reefed topsails and storm sails. at 9 a m wind hauled to the S W and cleared off and through the day was baffling and blowing in gusty. The Ice seems to trend to SW and East here the outer edge of which seems much broken up and for about 5 miles into it we can see leads of open water on a small scale - a point to the S of us some 5+ miles seems then to trend in toward the land with Ice again on the other side. Saw numerous "Shags" who I think are migrating a few Gulls - a "Ripsack" whale and Killers

Lat 60.49 N Long 179=36 East

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S. Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Honolulu towards Cape Behring A. D. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 24 day of April 187 |
|---|---|---|---|---|---|---|---|---|---|

Sunday 24th April

Along Edge of Ice Pack

Lat 60=40 Long 178=42 E

Bar Aneroid Morn 30-800
Eve 30-780
Bar Holosteric Morn 30.356
Eve 30.700
Ther Fahr Morn 32
Eve 36

Saw Killers. Finbacks Fur and Hair seal. Albatross Gulls "Northern Auks" & Other ducks

Caught 4 Hair seal 2 mothers with their young

A Moderate West wind and clear pleasant weather aback during the night at 5 A M Made sail to the westward Amid scattering Ice. ran until 12 M under M. T. G sail when we found the Ice Making to the East of South ran back to the W again and at 6 P M could go no further unless we go East so I have concluded to await events and if the wind is favorable go into the Ice first chance - saw a number of Killers. and 2 whales that we called "Ripsacks" & 1 Finback caught 4 Hair seal to day 2 old ones each with their young

Lat @ Noon 60=33
Lat @ 4 P.M. 60-40 Long 178=42 E

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from Honolulu towards Cape Yekening N. L. 1881—

H K F COURSES. WINDS. Leeway. Variation. Bar. Ther. REMARKS. 25th day of April 187

Along edge of Ice Pack aback—

Bar Aneroid Mor 30 800
" " Eve 30 700
Bar Holosteric Mor 30 600
Eve 30 500
Ther Fah Mor 34
Eve 34

Started our second cask of New Flour containing 12 bdgs And Put a cask of old Flour In After Hold cont 8. bbls took they Coffee and Barley out of Corn cask and Put It with they Beans Coffee & Rice

A Mod West wind cloudy Glomy weather aback along edge of Ice Pack that Is lieing In Ships and seems opening Ice to the N.W. under topsails courses furled heading on one tack S W they other S by W saw Killers Sulpher bottoms. & Finbacks also a Few Dun seal on they Ice very shy and wild - a swell still running from they S— but not so high as yesterday Put out they Dingy and fitted Preventer tackles to the Rudder This lieing still and waiting for events to shape favorable Is most tedious

No Observations

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F

JOURNAL from Honolulu towards Cape Behring A. D. 1881

H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 26th day of April 187

Amid Scattering Ice along edge of Ice Pack to the S & East

Tuesday 26th April

Bar Aneroid Morn 30 600
Eve 30 500
Bar Holsteins Morn 30 300
Eve 30 300
Ther. Fah Deck Morn 34
Eve 36

A heavy swell from the west and from the masthead with my glass I think I can see open water to the west over the strips of Ice. during the latter part of the afternoon more moderate and papably clear. The Ice Pack in sight to the S W and E saw several Ice seal on the Ice very shy. Shot and lost a hair seal

A fresh West wind and cloudy under double reefs aback Amid strips of Ice to the S and open water to S E. at 12 M attempted to beat up through an open space in a strip of Ice into clear water to the S.W. a strong breeze blowing from the west and ship under double reefs jib & fore & M.T.M. staysails after wearing ship 6 times gave it up and hauled aback again a heavy swell rolling in from the westward prevented this old tub from accomplishing what she desires to kicked for. Of all the tubs I have ever had the handling of this is the Queen b—h @ 4 P.M stood in to the S W some 5 miles through scattering Ice into a large open space where I shall "lay to" night

Lat Sumner Method 61=00 N
Long do do 179 50 East

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**JOURNAL** from Honolulu towards Cape Behring A. O. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 27th day of April 187 |
|---|---|---|---|---|---|---|---|---|---|

Pass through strip Ice into clear water

Wednesday 27th April

Bar Aneroid Morn 30 500
Eve 30 400
Bar Holosteric Morn 30 100
Eve 30 200
Ther Fahr Morn 34
Eve 38

In regard to the Fur seals seen to day ~~probably~~ some 35 to 40 they were all of large size probably Bulls and so excessively shy that they would leave the cakes of Ice they were basking on and take to the water quite a Mile from the ship and in no single instance have we been able to get a shot @ them

A fresh S.W. wind and snow aback during the night amid scattering Ice @ 7 A M bore W.S.W. through stripes of scattering Ice into leads of open water alternately @ 12 M came up to a pack of light Ice put the ship into it and made all sail to the S.W. Saw many Fur seal and a few Hair of the Saddleback and Silvery species shot & saved 3 of the latter @ 4 P M had passed through this pack into clear water bore S W by W under all sail @ 7 P M wind veering to the West-South West heading S. No Ice in sight except a few scattering pieces

Lat 61=00 Long 159=57 West

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
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|  |  |  |  |  |  |  |  |  |  |

**JOURNAL** from Honolulu towards Cape Navarin St. L. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 28th day of April 187 |
|---|---|---|---|---|---|---|---|---|---|

Rove 2 new Cutting falls & put them aloft

Cape Navarin & Thadeous in sight
NW 30 miles —

Thursday 28th April

Bar Aneroid 30 600
30 680
Bar Holosteric Morn 30 300
. Eve 30 450
Ther Fahr Morn 32
Eve 36

Much frost formed on the rigging and sails last night while standing in towards the land I noticed the pack Ice moving past the land to the East quite 2 miles per hour. and from the bearing of the land we are in West longitude again — strange we do not see a sail — as for the whales I think they are all west of us — and we with a head wind & current & much Ice — & [illegible] our progress further —

Stood to the N last night until dark then hauled aback amid scattering Ice at 3 a m made all sail to the NWby N Ice pack to the East trending to N.W. @ 5 a m saw Cape Navarin NW 40 miles Stood to the NW until 10 am when we came to the head of a "bight" with heavy packed Ice on both sides open leads to the West and a "water sky" to the N land some 30 miles dist Capes Navarin & Thadeous both in sight. tacked to the South light west wind and clear pleasant weather At 3 P.M. could trace heavy Ice as far as we could see to the South hauled aback off a point of Ice as a thick fog set in furled light sails saw a few hair seal only to day Lat @ noon 61=37 N

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
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| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from Honolulu towards Cape Navarin &c. A. D. 1881 —

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 29th day of April 187 |
|---|---|---|---|---|---|---|---|---|---|

Along edge of Ice pack In stripes of Ice —

Friday 29th April

| | | | |
|---|---|---|---|
| Bar Aneroid | Morn | 30 | 720. |
| | Eve | 30 | 650. |
| Bar Holosteric | Morn | 30 | 430 |
| | Eve | 30 | 400 |
| Ther Fahr | Morn | 32 | |
| | Eve | 34 | |

A strong breeze has been blowing all day from the S.S.W. and while we were sheltered by the Ice It was very smooth and we have beat a long way to the Westward having tacked perhaps 20 times but since we have "struck" the open water we find quite a "chop Sea" on but as the swell is Inconsiderable I think there is still a body of Ice to the South but the pack In sight North of us trends W.S.W. —

Aback on diff tacks last night — Amid scattering Ice In Stripes At daylight found a point of Ice was swinging around on to the pack to the East. threatening to enclose us. Made sail & beat to the S.W. to avoid it. All through the day we have been beating to windward through and around Stripes of Ice until 4 P M we came Into clear water with a heavy Pack of Ice trending W.S.W. and to the South of us. under topsails and fore & aft sails with courses furled trying to work to the West to get around this Ice In towards the land but few seal observed & few birds. No land visible today weather too gloomy

Lat 61=33 N Long 179-30 West

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**JOURNAL** *from* Honolulu *towards* Cape Navarin N. S. 1881—

H K F COURSES. WINDS. Leeway. Variation. Bar. Ther. REMARKS. 30th *day of* April 187

Beating to SW. along edge of Pack Ice

Saturday 30th April

| | | |
|---|---|---|
| Our Aneroid | M | 30-600 |
| | E | 30.500 |
| Our Holosteric | M | 30.300 |
| | E | 30.420 |
| Ther Fah | M | 34- |
| | E | 36- |

This is the second time I have noticed this difference in these barometers big one falling & the other rising a little

A fresh southerly wind with fog dark gloomy weather and considerable swell on - Under double reefs and jib on diff tacks through the night - the best part of forenoon standing on the wind to W.S.W. amid small pieces of widely scattered Ice at 10 a m fog lifted some saw the pack Ice trending to the SW stood up to it made a tack & stood back towards a point fetched to leeward of starting Point - tacked or wore rather out reefs in M T sail & set mainsail and fore & aft sails Afternoon much fog wind abating and veering a little to the West. distant objects obscure no visible line of demarkation beyond 2 Miles

No Observations

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Honolulu towards Cape Navarin A D 1882

H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. day of 187

1 Along edge of the Pack off Cape Navarin
2 Thursday 11th May
3 Bar Aneroid 30 600
4 30 750
5 Bar Holosteric 30 [illegible]
6 30 600
7 Ther 34
8 44

A fresh Southerly wind with a thick fog under double reefs on different tacks amid Scattering Ice. At daylight saw a sail to the S.W. at 8 A M spoke her the "Rainbow" of New Bedford 20 months from San Francisco 80 [illegible] through the day wind Moderate In co with "Rainbow" on diff tacks at 5 P M calm and thick fog at 7 P M clear & light West wind saw the land bearing N W by N 25 Miles dist Made all sail a point of Ice makes out to the South some 5 miles dist bearing S W Ice pack ranging from that to East

9 Received 2 Cogan & Cunningham bomb
10 Guns to be replaced @ San Francisco

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S. Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Honolulu towards Cape Navarin H. L. 1881 —

H K F COURSES. WINDS. Leeway. Variation. Bar. Ther. REMARKS. 2d day of May 187

Along edge of Ice Pack — Wind West

Bar Aneroid M 30 620
E 30 800
Bar Holosteric M 30 500
E 30 480
Ther Fahr M 34
E 35

while lying alongside the pack I noticed much whale feed in the water — a notable absence of Bird life to-day —

A. Moderately West wind cloudy Wea all sail along edge of Ice pack beating to the S.W. during forenoon came in thick fog with strong West wind reduced to double reefs at 2 P.M. Stood up to edge of Ice pack which is close and ~~straight N.E. &~~ S.S.W. saw the "Rainbow" taking it and set colors for me to follow but seeing that he could only enter a few ships lengths & not head better or rather make a better course than N.E. I concluded to wait until tomorrow and lay under the lee edge of the pack tonight

Cape Navarin bore by compass this morning @ 8 a m NWbN and seems much nearer than I have seen it before probably 20 to 30 miles — @ dusk the "Rainbow" heading along the edge of the pack & not a quarter of a mile inside the edge

No Observations

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Honolulu towards Cape Navarin A. D. 1881-

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 3d day of May 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | Along edge Ice pack | wind west | | | | | Aback all night under lee of |
| 2 | | | | | | | | | Pack Ice in smooth water with |
| 3 | | | Tuesday 3d May | | | | | | a fresh N.N.W. wind and thick |
| 4 | | | | | | | | | fog @ 7 a m fog lifting a little saw |
| 5 | | | Bar Aneroid | | 30 | 620 | | | the "Rainbow" where she was yesterday |
| 6 | | | | | 〃 | 〃 | | | about 10 ships length inside the Ice |
| 7 | | | Bar Holosteric | | 30 | 800 | | | and stuck solid. during the |
| 8 | | | | | 〃 | 〃 | | | forenoon worked along edge of |
| 9 | | | Ther Fahr | | 32 | | | | Pack to S.W. some 8 or 10 miles |
| 10 | | | | | 34 | | | | @ 4 P.M fog lifted some could |
| 11 | | | | | | | | | see strips of open water in to |
| 12 | | | Frosh Ice forms on the rigging | | | | | | the NW but a side wind and |
| 1 | | | from the low temperature | | | | | | heavy pack Ice bars our progress |
| 2 | | | And fog | | | | | | the Icy now seems to enclose us |
| 3 | | | | | | | | | entirely in a space of some 6 miles |
| 4 | | | | | | | | | of area laying aback along |
| 5 | | | Heard the notes of a Plover winging | | | | | | edge of Ice - No birds or seals |
| 6 | | | his way to the North | | | | | | seen today |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | No Observations - |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**JOURNAL** from Honolulu towards Cape Navarin N. L. 1881-

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 4th day of May 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | Amid Scattering Ice In strips | | | | | | | Aback all night on diff tacks under |
| 2 | | | | | | | | | double reefs In a thick fog @ daylight |
| 3 | | ~~Thursday 4th May~~ | | | | | | | It cleared up some run off to the |
| 4 | | Wednesday - | | | | | | | N along edge of Ice some 6 miles |
| 5 | | | | | | | | | came to strips of Ice with open |
| 6 | | Bar Aneroid Mon 30.650 | | | | | | | water to the N.W. made sail and |
| 7 | | Eve 30.450 | | | | | | | worked Into the N W with wind |
| 8 | | | | | | | | | S.W. at 9 a m saw 2 sail at |
| 9 | | Bar Holosteric Mon 30=480 | | | | | | | 11 a m boarded Brig "Hidalgo" of |
| 10 | | Eve 30=240 | | | | | | | San Francisco Capt williams boiling |
| 11 | | | | | | | | | his first whale reports the fleet |
| 12 | | Ther Fahr Mon 32 | | | | | | | as follows. the "Helen Mar" "Fleetwing" |
| 1 | | Eve 36 | | | | | | | & "Hunter" each with one whale |
| 2 | | | | | | | | | the John Howland. Dawn & Coral had |
| 3 | | | | | | | | | struck and lost whales and line |
| 4 | | | | | | | | | only 4 whales taken among them |
| 5 | | Saw 1st Bowhead Whale | | | | | | | at 2 P.M saw a bowhead lowered |
| 6 | | | | | | | | | In company with the "Rainbow" |
| 7 | | Recived papers by the "Hidalgo" | | | | | | | with no effect Recalled the boats |
| 8 | | | | | | | | | at 5 P.M. a thick fog amid |
| 9 | | | | | | | | | Scattering Ice have come to the N W |
| 10 | | | | | | | | | some 15 miles to day @ 7 lying |
| 11 | | | | | | | | | aback under double reefs |
| 12 | | | | | | | | | Lat @ Meridian 61=5' N |

W Long

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**JOURNAL** *from* "Cape Navarin" *towards* Behrings Straits A. D. 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 5th day of May 187 |
|---|---|---|---|---|---|---|---|---|---|

In open water off Cape Navarin

Saw Barques "Abraham Barker" &
"Rainbow" New Bedford

Thursday 5th May

Bar Aneroid Morn 30 300
Eve 30 250

Bar Holosteric Morn 30 250
Eve 30 100

Ther Fah M 32
Eve 36

Much Ice forms on the Rigging
from the fog nights -
Saw Many Seals on the Ice —
Land well covered with Snow —
Many "Saw Bill" Ducks —

Aback all night amid heavy pieces of Scattering Ice. A thick fog And strong NW wind under double reef and storm sails on diff tacks @ 6 A M fog lifted a little saw the "Hidalgo" In a floe of Ice with sails clewed up and the "Rainbow" close by In an open lead stood to the West the "Rainbow" In company fog dense @ times lifting and Ice close In strips @ 3 P.M. — came Into clear water and fog lifting saw Capes Navarin & Thaddeus from N.b.W. to N.S.W. 15 Miles distant bore S.E. and set M. T. G. sail passed the Abraham Barker beating to the South and left the "Rainbow" Also working South

No Observations —

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Cape Navarin towards Behrings Straits A. D. 1881–

H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 6th day of May 187

In Anadir Sea In fog & clear water

Bar Aneroid M 30.200
E 30.100

Bar Holosteric M 29.900
29.820

Ther Fahr M 32
E 34

Much fog and light fall of snow wind fresh S.E.– Saw a number of whales going quickly to the S & eastward and from the peculiar shade of the water probably many have passed that we have not seen – as it is almost impossible to see a spout

At dark last night 10.30 P.M. furled light sails and laid aback clear all night and moon in first quarter shining bright At 3 A.M. saw a Bowhead called all hands lowered 4 boats & chased at 12 recalled the boats wind mod S.E. thick fog @ 1 P.M. saw a whale going S lowered 2 boats and chased until 4 when recalled them fog quite dense bore S under topsails and jib. A number of whales have been seen today going to the S & S.E. but it has been such a peculiar sky and shade of water that it has been next to impossible to see a "spout" the only indication of a whale has been the "blackskin" – a few strips of scattering ice seen to the East only –

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from Cape Navarin towards Behrings Straits [illegible] 1881.

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 7th day of May 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | In sight of land off Stone Bay | | | | | | laid aback until daylight |
| 2 | | | | | | | | | heading to the Eastward |
| 3 | | | | | | | | | then made all sail to |
| 4 | | | Bar Aneroid | | | M | 30 000 | | the N @ 9 A M bore S.E. |
| 5 | | | | | | E | 29 800 | | wind S.E. and tending |
| 6 | | | | | | | | | to the Eastward at 12 M |
| 7 | | | Bar Holstein | | | M | 29 800 | | saw heavy pack Ice tending |
| 8 | | | | | | E | " 320 | | East and west ran along |
| 9 | | | | | | | | | to the west at 1 P M spoke |
| 10 | | | Ther Shade | | | M | 32 | | Barque "Pacific" had struck |
| 11 | | | | | | E | 36 | | and lost a whale at 2 |
| 12 | | | | | | | | | spoke Barque "John Howland" |
| 1 | | | | | | | | | boiling her first whale had |
| 2 | | | | | | | | | struck and lost 7 whales |
| 3 | | | | | | | | | with lines repts Steamer |
| 4 | | | | | | | | | "Belvidere" had struck & |
| 5 | | | | | | | | | lost 2 whales & picked up a |
| 6 | | | | | | | | | "Stinker" (i.e. dead whale |
| 7 | | | | | | | | | Helen Mar 1 1/2 whales Dawn |
| 8 | | | | | | | | | 1/2 whale "Coral" 1 whale |
| 9 | | | Received from Barque John Howland" | | | | | | at 3 P M spoke Barque "Sea Breeze" |
| 10 | | | 1 box Cogans bomb lances to be returned | | | | | | No whale & remained in |
| 11 | | | @ San Francisco — | | | | | | co until dark wind light |
| 12 | | | | | | | | | S.E. land in sight S E |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* Cape Behring towards Behring Straits N. P. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 8th day of May 187 |
|---|---|---|---|---|---|---|---|---|---|

Sunday 8th May

Bar Aneroid 29.800
29.900

Bar Holosteric M 29.600
E 29.700

Ther Fahr Mo 32 ov
Meridian 34
Eve 40

Took on 1st and 2d Bowhead

A Moderate S E wind & clear weather standing to the Eastward under Mod sail at daylight saw whale lowered 4 Boats struck and saved one to the Larboard boat while cutting saw more whales lowered 3d Mate down who struck and saved one to waist boat and while taking him alongside one came up alongside of him at 10.30 finished cutting saw 4 sail 3 cutting and the land all alongshore to the S with heavy Ice between us and It

No Observations.

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from Cape Navarin towards Behrings Straits St L 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 9th day of May 187 |
|---|---|---|---|---|---|---|---|---|---|

Monday 9th May

Bm Aneroid M 30 000
30 100

Bm Holosteric M 29 700
Em 29 800

Ther 32 all day

Took our 3d "Bowhead"

Light N E wind and clear
Under double reefs aback to the
East Emp in clearing away
the head - At 6 A M saw
whales lowered struck & saved
a bull whale to Bow boat
through the day emp in
Cutting with 2 boats off
Saw many whales going
quick N.E. Ice in sight to
the South and land to the
N & N E some 35 to 40 mile
5 sail in sight all more
or less Emp in whaling
this evening we laid aback
watching for a chance to
catch a whale as they pass
us - having been at the
Masthead all day there
was no opportunity to take
observations

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* Cape Navarin *towards* Behring Straits &c 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 10th day of May 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | Light baffling N E airs and |
| 2 | | | Tuesday 10th May | | | | | | clear weather at 6 A M |
| 3 | | | | | | | | | lowered for whales and have |
| 4 | | | | | | | | | boats down all day without |
| 5 | | | Bar A 30-000 | | | | | | success. Afternoon calm |
| 6 | | | | | | | | | Ice in sight to the S + N of |
| 7 | | | | | | | | | us and whales all seem |
| 8 | | | Bar H 29 700 | | | | | | to be working to the N E. |
| 9 | | | | | | | | | Saw the "Thomas Pope" "boiling" |
| 10 | | | Ther 26 | | | | | | and the "Pacific" "John Howland" |
| 11 | | | | | | | | | and Steamer "Belvedere" |
| 12 | | | Intensely cold all day | | | | | | each take a whale but we |
| 1 | | | | | | | | | could not catch one |
| 2 | | | | | | | | | ourselves. Land some 25 |
| 3 | | | | | | | | | Miles distant. Saw a |
| 4 | | | | | | | | | number of whales going |
| 5 | | | | | | | | | quick. at 7 P M took up |
| 6 | | | | | | | | | boats and commenced |
| 7 | | | | | | | | | boiling. Having been at the |
| 8 | | | | | | | | | masthead all day have |
| 9 | | | | | | | | | taken no observations |
| 10 | | | | | | | | | ~~Commenced boiling~~ |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from Cape Navarin towards Behrings Straits A. D. 1881

H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 11th day of May 187

Wednesday May 11th

Bar A.M. 30.000
" E 29.900

Bar A M 29 650
" E 29 500

Ther Fahr M 28
E 32-

Very smooth but Intensely cold
Ice forming around outside of
Ship @ waters edge

Took our 4th "Bowhead whale" -

Light baffling airs and calm under M Royal working along the Shore Ice to the Eastward At 6 A M saw whales lowered 4 boats struck and saved one to the Larboard boat towed him 3 miles to the Ship and cut him in just 2 hours saw several whales and St Lawrence Island the latter to the East and the former going to the East quickly. saw quite a number of them. 5 sail in sight and all boiling East & West heads of "Plover Bay" in sight N E by N.
Spoke Barque "John Howland" 6 whales - At Masthead all day too busy to take observations

No Observations -

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from Cape Navarin towards Plover Bay A.D. 1881

H K F COURSES. WINDS. Leeway. Variation. Bar. Ther. REMARKS. day of 187

12th May

Thursday 12th May

| | | | |
|---|---|---|---|
| Bar A | M | 29. | 900 |
| | E | 30 | 000 |
| Bar H | M | 29 | 600 |
| | E | 29 | 750 |
| Ther | M | 28 | |
| | Eve | 30 | |

Intensely cold all day and night Ice forming outside ship

Emp In boiling

Repts of the 5 ships in sight

| | | | | |
|---|---|---|---|---|
| viz "Thomas Pope" | 6 | whales | 100 sp | |
| " "John Howland" | 6 | do | 100 | " |
| " "Sea Breeze" | 2 | " | | |
| " "Pacific" | 2. | " | 80 | " |
| " "Belvedere" | 2 | " | 200 | " |

Whales going quick & I thinks have about all passed us —

To day for the first time this year I heard the "Musical notes of the "Ca Ca Wee" (Natives) or "Swallow tailed" duck. a forcible reminder of "Plover Bay" and my past experience. as these birds are most plentiful there and to my observation are inseparable with the associations —

Light-baffling airs clear weather Plover Bay NE by N some 20 miles plain in sight with solid pack Ice all along shore which makes in to the East some 2 Miles from us and then sweeps around South & West as far as we can see on both sides of us N & S some 5 miles distant the solid pack. a number of whale seen going quick to the E & towards the straits all 5 ships have lowered repeatedly but only the "Thomas Pope" struck and lost his line. A boat from him in the evening came to us. repts arriving off Cape Behring 3d of May seeing many whales still took 6 - repts Steamer Belvedere with one live & one dead whale At masthead all day no observations. Evening working West Ice closing together —

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

*JOURNAL from* Cape Navarin *towards* Plover Bay A. S. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 13th day of May 187 |
|---|---|---|---|---|---|---|---|---|---|

Friday 13th May

| | | | |
|---|---|---|---|
| Bar Aneroid | M | 30 | 200 |
| | E | " | " |
| Bar Holsteins | M | 29 | 900 |
| | E | 30 | 000 |
| Ther Fahr | M | 30 | |
| | E | 32 | |

Intensely cold Pump to the "Scuttle butt" froze solid —

Guages of whale oil stowed this day in "ground tier" lower main hold. viz.

| | | | | |
|---|---|---|---|---|
| | 330 | | | |
| | 168 | | | |
| | 306 | | | |
| | 297 | | | |
| | 360 | | | |
| | 302 | | | |
| | 1763 | gallons | or 55 bbls | 22½ |
| Humpback oil forward | 733 | " | " 23 | 8½ |
| | 2496 | Total | . 78 | 31. |

light baffling airs cloudy an fuge of snow. under all sail working west the 2 packs of ice comming together. Emp in boiling & stowing down main hatch 5 sail in sight all boiling & Plover Bay bears per compass N.N.W. 25 miles. all the vessels in sight have lowered their boats today for whales going quick without success have seen none ourselves.

No Observations

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Cape Navarin towards Plover Bay A. D. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 14th day of May 187 |
|---|---|---|---|---|---|---|---|---|---|

Saturday 14th May

Bm Aneroid M 30 120
E 30 250
Bm Holosteric M 29 850
E 30.100
Ther M 32.
E 30.

Pack Ice on both sides trending to East and West — No land in sight obscured by mist —

Gallons of oil stowed to day in lower main hold viz

181
303
208
363
258
332

|  |  | Bbl | gals |
|---|---|---|---|
| Total | 1645 | 52 | 7 |
| Last amount | 1763 | 55 | 22½ |
| Grand Total | 3408 | 107 | 29½ |
| Humpback | 733 | 23 | 8½ |
| Amount on board | 4141 | 131 | 6½ |

Light baffling winds cloudy weather snow falling occasional Under all sail working along the Ice to the westward, Pack on both sides trending East and west — 4 sail in sight and all boiling — the Captains of the "John Howland" and "Thomas Pope" on board all day Emp in boiling and stowing down in lower main hold No whales seen today
At 6 P M a Moderate breeze from the North —

No observations

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

**JOURNAL** from Cape Navarin towards "Plover Bay" A. D. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|

**REMARKS.** 15th day of May 187

Sunday 15th May

| | | | |
|---|---|---|---|
| By Aneroid | M | 30. | 250 |
| | E | 30 | 330 |
| By Holosteric | M | 30 | 050 |
| | E | 30 | 100 |
| Ther Fah | 28 | | |

Saw Bowhead whales going quick N.N.E.

Guages of oil stowed this day in lower main hold viz

| | | Bbls | gal |
|---|---|---|---|
| | 184 | | |
| | 334 | | |
| | 332 | | |
| | 368 | | |
| | 307 | | |
| | 220 | | |
| | 330 | | |
| | 2075 | = 65 | 27½ |
| Last amount brought forward | 3408 | 107 | 29½ |
| | 5483 | 173 | 25½ |
| Humpback " " | 733 | 23 | 8½ |
| Grand Total | 6216 | 197 | 2½ |

baffling Northerly winds cloudy & cold under m T gallant sail working along to the westward all 3 of yesterdays fleet in sight = the "John Howland" only now boiling at 10 a.m went on board of her and we both run back to the Eastward along the Ice at 6 P M saw 2 Bowheads going to the N.N.E in to the land which was in sight some 25 miles dist lowered 4 boats in co with "John Howland" with no success Emp in boiling and stowing oil in lower main hold during night laying aback along edge of Ice

No Observations

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**JOURNAL** from Cape Navarin towards Plover Bay A.D. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 16th day of May 187 |
|---|---|---|---|---|---|---|---|---|---|

Monday 16th May

| | | |
|---|---|---|
| Bar Aneroid | M | 30.250 |
| | E | 30.200 |
| Bar Holosteric | M | 30.100 |
| | E | 29.900 |
| Ther Fahr | M | 28 |
| | E | 30 – |

Guages of oil casks filled this day
In lower main hatch

| | | Bbl | gal |
|---|---|---|---|
| | 369 | | |
| | 328 | | |
| | 330 | | |
| | 345 | | |
| | 332 | | |
| | 1704 | 54 | 03 |
| Last amount | 5483 | 173 | 25½ |
| | 7187 | 227 | 28½ |

Light baffling winds cloudy & Intensely cold salt & fresh water freezing on deck. Scuttle Butt pump frozen solid. Under M.T.G. sail on diff tacks amidst and along edge of Ice on Northern hand which trends to the westward Emp in boiling and stowing down in main hatchway the "John Howland" in sight boiling and the "Thomas Pope" cutting her 7th whale – Saw a steamer afternoon light South wind with snow and cloudy gloomy weather running along the edge of the Ice to the westward. saw the land @ noon "Cape Acken" bearing by Compass N by E 45 miles heavy pack Ice all along shore at 10 P M very thick snow storm laid aback

Lat 3.45 N Long 1°4=32 West

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from Cape Navarin towards Plover Bay &c 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|

REMARKS. 17 day of May 187

Thursday 17th May

| | | | |
|---|---|---|---|
| Am Aneroid | M | 30 | 200 |
| | E | 30 | 220 |
| Am Holostone | M | 29 | 900 |
| | E | 30 | 050 |
| Ther Fah | M | 34 | |
| | E | 44 | |

Gauges of oil stowed in lower Main hold this day viz

| | | Bbls | gals |
|---|---|---|---|
| | 361 | | |
| | 138 | | |
| | 331 | | |
| | 208 | | |
| | 238 | | |
| | 340 | | |
| | 252 | | |
| | 284 | | |
| | 2152 | 68 | 10 |
| Last amount | 7187 | 227 | 28½ |
| Grand Total – | 9339 | 296 | 17½ |

Light southerly wind and snow falling laying aback to the west @ 2 am a west wind and clear saw Cape Ashen to the North and Icy tending towards the land made all sail in that direction @ 3 saw a Bowhead lowered 2 boats saw him no more Stood in towards the land getting within about 10 Miles when we beat up in a lead with Ice all around here we found the "John Howland" "Pacific" "Helen Mar" "Rainbow" "Northern Light" & "Hidalgo" the T. Pope ashore and the J. H. only boiling — at 5 Pm a light East air & clear Ice 10 Miles dist — at 1 am finished boiling. Emp during forenoon in stowing down

No Observations

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S. Arnhein., Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from Cape Navarin towards Plover Bay N. S. 1881

H K F COURSES. WINDS. Leeway. Variation. Bar. Ther. REMARKS. 18th day of May 187

Wednesday 18th May

Bar. Aneroid 30 200

Bar. Holosteric 30 200

Ther. Fahr m 28 eve 36

Took our 5th Bowhead to-day

A light East wind Smooth sea Intensely cold and cloudy weather under topgallantsails aback on diff. tacks at the head of a "bight of Ice" @ 7 A M ran off to the SW saw 10 sail 2 boiling at 11 A M saw a still whale lowered 4 boats struck and killed one instantly to the Larboard boat took him to the ship and at 12 minutes past 2 had finished cutting having been 1 & 3/4 hours engaged a boat from the "Thomas Pope" reports her with 9 whales canoes off in the evening from "John Howland" bay Many whales taken along the coast last winter afternoon clear & calm Cape Achen S W 1/2 W 10 miles -

No observations

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**JOURNAL** *from* Cape Navarin *towards* Plover Bay [illegible] D. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|

Thursday 19th May
Bar 30=400
Bar 30=100
Ther m 28 & 40

Arrived off "Plover Bay"
Engaged 3 Natives [illegible] crew

REMARKS. 19th day of May 187

A light southerly wind baffling
clear and very cold
under Main Royal on
diff tacks along edge of
Scattering Ice. [illegible] boiling
at 10 a m ran through the Ice
into clear water and bore for
"West Head" of Plover Bay
Canoes and a whaleboat
from "East head" shipped
3 Natives. viz "Shoalwater"
"Sam Brown" & "Lulukin"
gave Each a box Tobacco & a
tin of Molasses in advance
Evening cloudy with light
fall of Snow. tide swept the
ship within 3 times her length
of the West point off East head to
the Eastward. and with the
swell and baffling winds
had hard work to avoid
the rocks saw 10 sail on
boiling spoke "Francis Palmer"
Clear "No Observations

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S. Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from "Plover Bay" towards "Cape East" A.D. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 20th day of May 187 |
|---|---|---|---|---|---|---|---|---|---|

Friday 20th May

Ypr Aneroid M 30-400
E 30-300
Ypr Holosteric M 30-100
E 30-000
Ther Fahr M 34 Eve 34

Gauges of oil casks stowed in lower Main hatch viz

308
112
258
336
313
280
330

| | | Bbls | Gals |
|---|---|---|---|
| | 1937 | 61 | 15½ |
| Last Amount brought forward | 9339 | 296 | 17½ |
| Total amount | 11276 | 358 | 1½ |

A fresh S.W. wind gloomy with falling snow. Under topgallant sail working to the Eastward one sail in sight and some scattering Ice to the South. At 10 A.M. finished boiling. Emp in "stowing down" the main lower hold. At 12 M bore N.E. @ 2.30 passed within 1 mile of Indian Point. Seeing ice makes from the Point to the North as far as we traced, at by S.W. with clear water on outside. at 5-30 reduced to double reefs and jib and luffed to wind E.S.E. Much snow falling

No Observations —

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** *from* "Plover Bay" *towards* Cape East St. L. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|

**REMARKS.** 21st *day of* May 187

Saturday 21st May

| | | |
|---|---|---|
| Bar Aneroid | M | 30.280 |
| | E | 30.500 |
| Bar Holosteric | M | 29.950 |
| | E | 30.280 |
| Ther Fahr | M | 34 |
| | E | 40 |

Guages of oil casks stowed in lower main hold this day viz

180
125
130
228
268

931 [illegible] 931 29=17½
17½
Last amt forward 1276 358 1½
Total Amount 2207 387 19

one ullage cask has about 3 bbls in it. guage not taken here

At 2 a.m wind came out west and cleared off. Made all sail on the wind on diff tacks Emp in stowing down in lower main hold. land all along to the west at 7 P.m South Head of "St Lawrence Bay" bore N 10 miles steering N by E throughout the day clear pleasant weather but little Ice in the straits apparently and that well off from the land the "Thomas Pope" and 2 other sail in sight at 8 P.m a light air from SW.

Lat 66=10 N Long 170=59 West

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from St Lawrence Bay towards East Cape of Asia  A. D. 1881—

H K F COURSES. WINDS. Leeway. Variation. Bar. Ther. **REMARKS.** 22d day of May 187

Sunday 22d May

| | | |
|---|---|---|
| Bar Aneroid | M | 30.450 |
| | E | 30.320 |
| Bar Holosteric | M | 30.250 |
| | E | 30.120 |
| Ther Fahr | M | 34 |
| | E | 38. |

Received from Barque "Coral"
2 barrells Molasses - 1 do Vinegar
1 bolt yds No 3 cotton canvas
3 tin quart pots and a bundle
of Papers Ex' H C Wright & co and
a letter from Mrs Barker
dated 1st December @ Waimate
New Zealand -

Delivered to Barque "Coral"
15-20 lb Boxes Tobacco

A Moderate southerly wind with light fall of snow under Main Royal to the S.E. @ 7 A M North Head of St Lawrence Bay W 10 miles Cape East and the Diomedes and 12 Sail in sight the "Rainbow" "Coral" and Thomas Pope" boiling at 7 A M went on board the "Coral" boiling her 4th whale at 10 a m parted company wind Increasing with fog Afternoon fresh south wind with fog reduced sail to double reefs jib and M. T. M. Staysail passed Barque "La Ysabo" and a barque we called the "Atlantic" a strong current setting through the straits to the North some patches of scattering Ice around on diff tacks -

No Observations -

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**JOURNAL** from St Lawrence Bay towards East Cape Asia at [illegible] 1881—

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|
| 1 | | | Monday 23rd May | | | | | |
| 2 | | | | | | | | |
| 3 | | | 9 am | Aneroid | | 30 | 200 | |
| 4 | | | | | | | | |
| 5 | | | 9 am | Holosteric | | 29 | 950 | |
| 6 | | | | | | | | |
| 7 | | | Ther | Fahr | | 32 | & 34 | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | At Anchor off [illegible] | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

REMARKS. 23rd day of May 187

A strong southerly wind with fog at times lifting on diff tacks under double reefs & jib. Tooth Head & Cape East in sight. 9 sail also. Saw the "Belvedere" at anchor off Pountin boiling. At 12.30 bore NE for Cape East. Passed it in clear water and ran around to Ovaling for shelter where we anchored at 6 P.M. in co with the "Francis Palmer" in 15 fathoms water. Strong wind ship dragging let go starboard anchor also. Canoes off to ship. Rumours of the two missing ships having been seen off Wankarem River last winter in the ice & completely crushed. More anon

No Observations —

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by Ob. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** ~~from~~ At Anchor — Off towards "Ohwalin" East Coast of Asia 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. |
|---|---|---|---|---|---|---|---|---|
| 1 | | | Tuesday 24th | May | | | | |
| 2 | | | | | | | | |
| 3 | | | Bar | Aneroid | 30 | 200 | | |
| 4 | | | | | 30 | 010 | | |
| 5 | | | | | | | | |
| 6 | | | Bar | Holosteric | 29 | 850 | | |
| 7 | | | | | 29 | 450 | | |
| 8 | | | | | | | | |
| 9 | | | Ther | Asph | 38 | — | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

**REMARKS.** 24th day of May 187

A strong Southerly wind with thick cloudy weather and snow falling at times At Anchor with both bowers all chain out on port anchor. Starboard anchor just under foot — at 12 M calm hove up Starboard Anchor. Afternoon a strong southerly wind again with snow. Emp in trading with the natives the "Coral" "Hunter" and "Thos Pope" came in an anchored little Ice here abreast the bluffs but to the west where the "Japan" was wrecked quite a floe makes out from the land a vessel at anchor towards False Cape East —

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** ~~from~~ @ Anchor off "Owalin" ~~towards~~ East Cape Asia A. D. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 25th day of May 187 |
|---|---|---|---|---|---|---|---|---|---|
| | | | Wednesday 25th May<br>Bar Aneroid 29.650<br>Bar Holosteric 29.450<br>Ther Fahr 34— | | | | | | @ Anchor in 16 fths water off the village during night it came on to blow hard from S.S.E. ship dragging let go the second Anchor again 2 canoes off all night—too rough to venture ashore— Much snow falling at times air raw and cold Received information from the natives regarding the missing whales |

natives state 2 derelict—whalers crushed by ice and full of water made their appearance off Wankarem River last November during the full Moon— Many bodies of crew were visible on deck frozen— and covered with ice—

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

JOURNAL from Cape East towards Whaling ground in Arctic

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 26th day of May 187 |
|---|---|---|---|---|---|---|---|---|---|

Thursday 26th May

Bar Aneroid 29 800

Bar Holosteric 29 650

Ther Fah 34

Trading off "East Cape"

Diomedes and 12 sail in sight

During the night wind gradualy subsided and veered around to the N at 5 A.M. all of us got under weight and stood out towards East Cape saw a Ripsack whale and but little scattering Ice 12 sail in sight well over towards the Diomede Canoes off from East Cape with trade. Under m royal on diff tacks @ 6 P.M spoke steamer "Belvidere" of New Bedford Capt Owen 3 live whales and 2 "Stinkers" "Thomas Pope" in co at 10 P.M "Amethyst" co and laid aback 5 miles East of East cape wind increasing from the N furled light sails

Lat @ noon 65-55 North

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |

**JOURNAL** *from* "East Cape" of Asia towards Arctic Whaling grounds etc. 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 27th day of May 187 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | Friday 27th May | | | | | | Wind freshening during night |
| 2 | | | | | | | | | with fog and snow from the |
| 3 | | | | | | | | | North reduced sail to double |
| 4 | | | Bar Aneroid 30.000 | | | | | | reefs and storm sails on |
| 5 | | | | | | | | | diff tacks. At 4 PM saw East |
| 6 | | | | | | | | | Cape and Barque "Thos Pope" |
| 7 | | | Bar Holosteric 29.720 | | | | | | close aboard to the westward |
| 8 | | | | | | | | | Air full & snow and very |
| 9 | | | | | | | | | keen and raw |
| 10 | | | Ther Fahr 34 – | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 1 | | | | | | | | | |
| 2 | | | During the night Mr Domingo | | | | | | |
| 3 | | | 4th Officer gave John Baker a | | | | | | |
| 4 | | | boatsteerer a good thrashing for | | | | | | |
| 5 | | | striking him and abusive | | | | | | |
| 6 | | | language — I regret he did | | | | | | |
| 7 | | | not give him more for the | | | | | | Received letters yesterday |
| 8 | | | fellow has been shaping for this | | | | | | by "Belvedere" |
| 9 | | | for some time. — | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

S. S Arnheim, Stationer, No. 8 Stewart St., S. F.

**JOURNAL** from "Cape East" towards "Embass ground" Arctic Ocean 1881

| H | K | F | COURSES. | WINDS. | Leeway. | Variation. | Bar. | Ther. | REMARKS. 28th day of May 187 |
|---|---|---|---|---|---|---|---|---|---|

Saturday 28th May

Bar Aneroid 29.900
30.000
Bar Holosteric 29.900
" "
Ther Fah M 32.00
E 40.00

Took our 6th whale

A [illegible] S.W. wind cold with fall of Snow under double reefs on diff tacks aback saw several whales going to the N [illegible] did not lower forenoon clear with a subsiding swell East Cape. B.T.W. & Diomedes [illegible] saw a whale "still" lowered 4 boats struck and saved a whale to waist boat who was capsized by the whale when he came up from the bottom cleared finished cutting by ~~dark~~ 6 P.M. saw another still whale but it was calm so did not lower Ice all along the Eastern board. the "[illegible] Hope" to the N and 2 sail to the S comming up through the Straits — calm all afternoon

No Observations —

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. by D. R. | Lon. by. Ob |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

To Continuation of this
Sea Private Log Book of
"Sengua Coral" 1880